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Wm. Elliott & Sons,

SEEDS

54-56 DEY ST.

NEW YORK

GRASS SEED FOR THE LAWN, BOWLING GREEN AND GOLF LINKS

WE WARRANT RECLEANED SEED OF A FINE GRADE IN ALL OUR MIXTURES

ELLIOTT'S CENTRAL PARK

In this mixture we use only the seeds of the finest and best adapted grasses for lawns, and we cheerfully recommend this mixture where a rich velvety lawn is required. We are the originators of this celebrated brand, and our mixture should not be confounded with cheap, light-weight mixtures sent out under this name. **Price, qt. 20 cts., pk. $1.25, bus. of 20 lbs. $4.50.**

ELLIOTT'S BOWLING GREEN

We have selected for this mixture grasses which will produce a hardy, close turf, permitting of close mowing and much hard wear, yet attaining a rich velvety appearance. Recommended for Croquet Lawns, Bowling Greens and, in fact, all situations where a fine lawn is required to withstand very hard wear. **Price, qt. 25 cts., pk. $1.50, bus. of 20 lbs. $5.**

ELLIOTT'S TERRACE MIXTURE

A combination of grasses, producing strong spreading roots suitable for terrace, embankments, etc., withstanding drought, thriving in shallow soils and preventing washing out by heavy rains, yet producing a rich velvety turf throughout the season. **Price, qt. 30 cts., pk. $1.75, bus. of 20 lbs. $6.**

See page 48 for full list of Grass and Clover Seeds

ELLIOTT'S SHADY NOOK

Under the shade of trees there are always unsightly bare spots which resist all attempts to get into grass, but may be easily attained with this mixture of grasses, which are naturally adapted to wooded and shaded spots. **Price, qt. 30c., pk. $1.75, bus. of 20 lbs. $6.**

ELLIOTT'S EMERALD

We put up this mixture to supply the demand for a cheaper grade than our **Central Park** brand. Although this mixture is equal to any offered at the price, we do not recommend it where the best results are wanted. **Price, pk. $1, bus. of 20 lbs. $3.**

ELLIOTT'S GOLF LINKS

The mixtures we offer below are composed of varieties which will thrive and withstand heavy droughts, and be pleasing to the eye throughout the summer months. It has been sowed on the Cranford Links with flattering results.

SEED FOR PUTTING GREENS: Price, qt. 25 cts., pk. $1.50, bus. of 20 lbs. $5.

SEED FOR OUTLYING POINTS: Price, bus. of 20 lbs. $3.

THE BEST LAWN FERTILIZER IS ELLIOTT'S INVIGORINE.

WM. ELLIOTT & SONS'
Seed Annual for 1902

AN EXHAUSTIVE TREATISE ON WHAT TO BUY, AND HOW TO GROW VEGETABLE, FLOWER AND FARM SEEDS

Novelties and Specialties in FLOWER SEEDS

New Star Petunias.

These New Star Petunias are without doubt the most beautiful Petunias in the world. They are the results of over twenty years' careful selection, cross-fertilization and breeding, and for richness of color, beautiful markings, pleasing form of the flowers, cannot be surpassed. The flowers are about 2¼ inches in diameter; their ground color is a dark crimson-maroon, with a rich, velvety texture, justly pronounced equal to that of a pansy. Showing through the ground color are violet veinings. From the center starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light blush pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Over 80 per cent of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful. The plants are free growers, branching freely and attaining an average height of 18 inches, with a spread of 24 inches. They are remarkably prolific bloomers, single plants often having one hundred or more fully expanded flowers at a time. Pkt. 25 cts. (See colored plate.)

New Pink, Brilliant Violet.

Indian Pinks have been great favorites for many years, being of easy culture and graceful bloomers with very little attention; but so far they could not boast of any bright colors besides red, white and salmon. Brilliant Violet will therefore be looked upon as a great achievement. The plants are of elegant growth and covered with slightly fringed brilliant violet flowers. This grand novelty should certainly have a place in every garden. Pkt. 25 cts. (See colored plate.)

Single Poppy, Miss Sherwood.

Sturdy plants 2½ feet high, with noble foliage, bearing in profusion large, single flowers of a shining satiny white, the upper half of the corolla being a silky chamois rose. This is a combination of color quite virginal in its delicacy, and we are convinced that this beautiful Poppy, which comes quite true from seed, will be found one of the finest of single-blooming varieties, more especially as a cut-flower, and quickly meet with the appreciation it deserves. Pkt. 10c.

The Weather Plant. (ABRUS PRECATORIUS.)

This handsome climber, which is also known as the "Prayer Bean" and "Crab's Eye Vine" is of more than ordinary interest. The flowers are butterfly-shaped and of a pleasing shade of lavender. It is remarkable for its small egg-shaped seeds, which are of brilliant scarlet with black spots. Owing to the hardness of the seeds they are much used for necklaces and other ornamental purposes, and under the name of "Rati" are employed in some parts of India as the standard of weight. It is a matter of record that the weight of the celebrated Koh-i-noor diamond was first determined by the aid of the seeds of this peculiar plant. The specific name is Precatorius, meaning prayer, the seeds being used for rosaries by the Buddhists. It is also claimed that the state of the weather may be told for some time in advance, by the position the leaves assume. Thoroughly soak the seeds in lukewarm water before sowing, and grow in a sunny window; after all danger of frost is over the plants may be set out in any warm location in the garden. Pkt. 10 cts.

Poppy, Miss Sherwood.

New Silver Leaf Star Phlox.

New Silver Leaf Star Phlox.

It is often easy to trace variegated varieties back to some unhealthy state of the plant, but this novelty grows with more than ordinary vigor, and the exceedingly pleasing coloring is fairly constant. The leaves are all edged with white, reminding one of *Dracæna Sanderiana*. The plants grow about 12 inches high and branch freely. The rose- and carmine-colored flowers are fringed, as well as crenulated, and form a delightful contrast with the beautifully variegated foliage. Pkt. 25 cts.

New Giant Sensitive Plant.

This remarkable variety, if started early in the house and transplanted into the garden when all danger of frost has passed, will attain the height of 7 feet in one season. The leaves are just as sensitive as the ordinary variety, closing and drooping when shaken or touched. The flowers are rose-colored, and are followed by brown, hairy seed-pods. The stem and leaves are covered with a fine blue hue, making the plant recommendable not only for its interesting sensitive properties, but also for its beauty in general. Pkt. 15 cts.

Arctotis grandis.

A handsome new annual from South Africa succeeding well in our climate. It forms neat, many-branched bushes about 2 feet in height and breadth. The flowers, 2½ to 3 inches in diameter, are pure white, with a narrow yellow ring around the center, with which the light blue of the disk florets and their delicate white stamens make a very effective contrast. The under side of the petals is pale lilac. Of the easiest culture, blooming profusely from early summer until late in autumn. Pkt. 10 cts.

New Early-Flowering Sweet Pea, Mont Blanc.

An early-flowering pure white sort of European introduction. The flowers resemble Emily Henderson both in form and color, but bloom fully twelve days earlier. Sown under glass on February 20, Mont Blanc produced its first flowers on May 1, and was in full bloom on May 10. It can therefore be highly recommended for forcing. Pkt. 10 cts., oz. 25 cts.

Giant Sweet Sultans.

(CENTAUREA IMPERIALIS.)

These new giant-flowered hybrids far surpass in size and beauty all other sweet-scented sorts, and are undoubtedly the finest kinds for cut-flower purposes. The plants are very vigorous, grow about 4 feet high, and are covered with enormous deliciously fragrant flowers, from early summer till autumn. They are of the easiest culture, flowering freely the same season from spring-sown seed. Finest mixed. Pkt. 10 cts.

Arctotis grandis.

Phlox Drummondii nana compacta Isabellina.

A splendid new dwarf Phlox, with large, pure yellow flowers, a color hitherto unknown among the dwarf varieties. Pkt. 20 cts.

New York Market Mignonette.

This is unquestionably the grandest Mignonette for exhibition purposes yet introduced. The flower-spikes are immense, delightfully fragrant and are compactly filled with large florets, not having the ragged appearance that most exhibition sorts possess. We are confident that this variety will give perfect satisfaction even to the most critical. Pkt. 50 cts.

New Candytuft, "Little Prince."

A charming dwarf variety of the beautiful Empress Candytuft, which, although growing about half the height of its parent, forms just as massive spikes of large pure white flowers. When planted in masses it produces a splendid snow-like effect. Pkt. 10 cts.

New Candytuft, Little Prince.

Pansy, "Masterpiece."

The most striking feature of this grand new Pansy is the peculiar formation of its flowers, each petal being beautifully waved or curled, giving the flowers a doubled or globular appearance. The plants are vigorous and compact; flowers are enormously large, borne on strong stems well above the foliage, and are remarkable for the wonderful combination of colors, including many tints hitherto unknown in the Pansy family. Pkt. 25 cts.

Shasta Daisy.

Shasta Daisies.

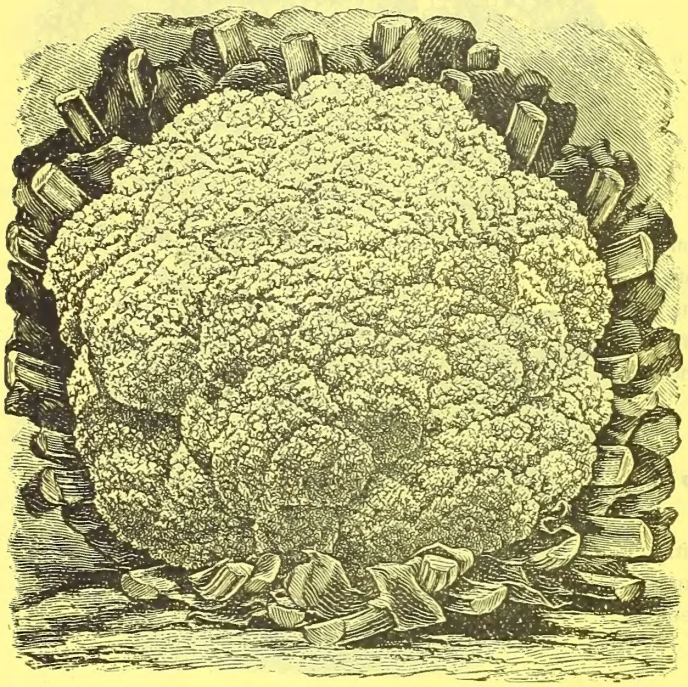
These magnificent Daisies are winning enthusiastic admiration from all who see them. They are of enormous size, averaging 12 inches in circumference, borne singly on strong, stiff, wiry stems nearly 2 feet in length. The center of the flower is like glowing gold and the petals, of which there are three or more rows, are of the purest glistening whiteness. As cut-flowers they are unsurpassed, keeping, in water, perfectly fresh and in good condition for two weeks or more. The plants are perfectly hardy, and, being perennials, bloom better and more abundantly each year. Pkt. 50 cts.

New Miniature Sunflowers.

(HELIANTHUS CUCUMERIFOLIUS.)

This new strain of Miniature Sunflowers contains a multitude of splendid varieties which differ materially from the older sorts in color, size and form of petals, many of the latter being curiously twisted. The colors range from creamy white to golden yellow, with centers varying from yellow to black. Indispensable for cutting. Pkt. 10 cts.

Novelties and Specialties in VEGETABLE SEEDS



Elliott's Early Snowball Cauliflower.

Red Pickling Cabbage, "Niggerhead."

This is the darkest of the dark red Cabbages, black through to the very heart. This new variety is endowed with all the good qualities desired in a red Cabbage. The head is solid and heavy and is stone-hard, and of good appearance until late in the season, when all others are out of the market, an item worth the notice of farmers and market-gardeners. "Niggerhead" pickled is of a bewitching beauty, and an ornament, as well as a relish, on any table. Pkt. 15 cts.

Cauliflower, Elliott's Early Snowball.

Our stock of this excellent variety is grown for us by one of the best Danish growers, and our strain has in the past season given excellent results among our many customers. We do not hesitate in saying that we are positive you will find our strain of Snowball Cauliflower equal to stock offered by any of our competitors. This sort will be found dwarf and compact in growth, the heads large, snow-white and of superior quality, the outer leaves short and few, allowing of close planting; also one of the very earliest and most reliable sorts. Under favorable conditions nearly every plant will make a fine, solid head of good size, of pure white or creamy color, and mild, most delightful flavor when cut at the right stage and properly prepared. It succeeds well over a wide range of country, and we feel justified in saying that a better strain of early Cauliflower is not found anywhere. Pkt. 25 cts., ¼ oz. 75 cts., oz. $2.50.

The Two Best Lettuces.

ELLIOTT'S HOTHOUSE. This is the best variety for growing under glass; forms a large-sized head with a good solid heart, which is not liable to rot; delicately crisp, tender and fine flavored; combines all the qualities to make it the best Lettuce that can be grown. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.

ELLIOTT'S LEVIATHAN. The largest Cabbage Lettuce in cultivation, and besides is possessed of many merits that place it in the front rank of desirable varieties. Heads solid and of marked icy crispness, while its heat-resisting qualities are best evidenced by its failure to run to seed in a temperature that ruins all other sorts for culinary purposes. Pkt. 15 cts., oz. 40 cts.

Tomato, Stirling Castle.

A recent introduction, and proving to be one of the best varieties for forcing ever offered. Fruit of medium size, round, smooth and very solid; of a glossy bright scarlet color. Excellent flavor and an abundant cropper. Pkt. 25 cts.

Prolific Giant-Podded Sugar Pea.

This is of especial interest to all lovers of Edible-Podded Peas. Excels all others in size, productiveness and quality. To even those who know how delicious and wholesome are Sugar Peas cooked pods and all, a dish of these giant pods, sweet, sugary and melting, will be a delightful surprise. The vines average about 36 inches in height, remain a long time in bearing, and when grown without brush or trellis are strong and rank. The pods are gigantic in size, broad, sweet and tender, extremely fleshy and equal to the best snap beans for cooking pods and all. This variety is a decided improvement over Melting Sugar Pea, being equally as early, much more productive and greatly superior in quality. We recommend all our customers to give it a trial. Pkt. 10 cts., pt. 25 cts., postpaid.

ORDER SHEET

WILLIAM ELLIOTT & SONS

Seedsmen

54 AND 56 DEY STREET, NEW YORK

PLEASE WRITE YOUR ADDRESS PLAINLY and in full in the blanks below; also keep your order separate from other matters you may wish to write about. This enables us to fill orders more rapidly and correctly, and your inquiries will not be so apt to be overlooked. Duplicate Order Sheets sent on request.

Name .....

Post Office .....

Express Office (*If different from P. O.*) .....

County .....

State .....

AMOUNT ENCLOSED

P. O. Order . . $.....

Express M. O. . $.....

Draft . . . . $.....

Cash, Stamps or Postal Note $.....

Date .....

QUANTITY	ARTICLES	PRICE	

ELLIOTT'S INVIGORINE IS THE BEST FERTILIZER TO BE HAD.

Wm. Elliott & Sons' List of

CHOICE VEGETABLE SEEDS

WE DESIRE to call the particular attention of our friends and patrons to the following list of Vegetable Seeds, which will be found to embrace all the leading and most popular varieties in cultivation, including all novelties of merit.

We exercise the greatest care in the selection of our stock of Vegetable Seeds, discarding all varieties that; in our experience, have proved unworthy of cultivation.

All our Vegetable Seeds are true to name, and their germinating qualities have been effectually tested; they are confidently offered as being THE VERY BEST THAT CAN BE PRODUCED.

☞ **See pages I to IV for Novelties and Specialties.**

WE DELIVER FREE **all Vegetable Seeds in packets, ounces and quarter-pounds, when ordered by mail from this Catalogue.**

When Seeds in bulk are ordered by mail, postage must be added to catalogue prices at the rate of 8 cts. per pound on half-pound or over, 15 cts. per quart for peas and beans, and 10 cts. per quart for corn.

Unless postage is sent with mail orders for these items we shall be obliged to reduce quantities to make up the deficiency.

ARTICHOKE.

ARTICHAUT. *Alcachofa.* Artischocke.

One ounce will sow 100 feet of row, and produce about 500 plants.

A deep rich sandy loam is best adapted for this plant. The seed should be sown thinly in drills 1½ inches deep and 1 foot apart. When large enough, transplant to permanent rows 3 feet apart, allowing 2 feet between the plants. They reach maturity the second year, and in the northern states should be protected in winter by a covering of leaves or coarse manure. A bed will continue in bearing for several years.

Improved Large Green Globe. Heads large, fleshy, and of rich flavor. Pkt. 5 cts., oz. 30 cts., lb. $3.

Jerusalem. Distinct from the above. Grown for the tubers, which resemble potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 20 cts., pk. $1.25, bus. $4; 2 lbs., by mail, 50 cts.

ASPARAGUS.

ASPERGE. *Esparrago.* Spargel.

One ounce will sow 50 feet of row, and produce about 1,200 plants.

Sow the seed as early in spring as the soil can be worked, in drills 12 to 14 inches apart, and when well started thin out to 3 inches apart. When one or two years old, transplant into permanent beds, thoroughly trenched, 2 feet or more in depth. Set the plants in rows 2 feet apart, and not less than 18 inches apart in the row. Care should be taken that the roots are well spread, and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down apply a dressing of coarse manure, and in the spring fork it in. An occasional top-dressing of salt at the rate of one-half pound per square yard is also beneficial, and keeps down the weeds.

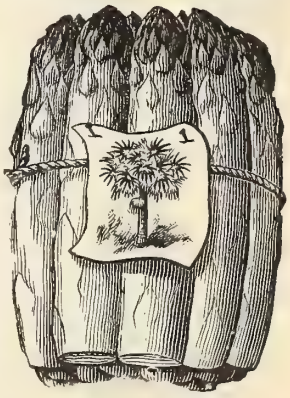
Columbian Mammoth White. The stalks are very large, clear white, and remain so as long as fit for use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

Conover's Colossal. The standard variety. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

Palmetto. A large early variety, of a deep green color. More regular and even in size than any other variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

ASPARAGUS ROOTS.

A saving of one or two years is effected by planting roots. A bed 12 by 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family. If planted in rows 3 feet apart and 2 feet between the plants, 7,260 roots will plant an acre. As nothing is gained by using one-year-old plants, we offer only strong two-year-old roots. If ordered by mail, postage must be added at the rate of 50 cts. per 100 to the following prices:



Palmetto Asparagus.

Columbian Mammoth White.—Doz. 20 cts., 100 $1, 1,000 $7. **Conover's Colossal.**—Doz. 15 cts., 100 75 cts., 1,000 $5. **Palmetto.**—Doz. 20 cts., 100 75 cts., 1,000 $6. **Special prices on larger lots on application.**

ASPARAGUS CULTURE. **Full details of the best methods employed in England and France. Price, 50 cts., postpaid.**

New Stringless Green Pod Bean.

BEANS.

Beans like a well-drained, rich and light loam, and should not be planted too early, as they are very sensitive to cold and wet. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession till about the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in the row. Keep them well cultivated and draw the earth up to the stem.

DWARF GREEN-PODDED SNAP BEANS.

HARICOTS NAINS. *Frijoles.* Krup Bohnen.

One quart will plant 100 feet of drill; 1½ to 2 bushels required for an acre.

If to be sent by mail, add 15 cts. per qt. for postage.

New Stringless Green Pod. The best stringless green-podded Bean there is. Two weeks earlier than Extra-Early Valentine; pods round, full, crisp and delicate; of fine appearance and quality. Pt. 20c., qt. 30c., pk. $2, bus. $7.

Extra-Early Red Valentine. This variety is one of the most popular of the extra-early sorts; the pods are round and fleshy, and of most excellent quality; very productive. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Refugee, or Thousand-to-One. A hardy and productive late variety; the young pods are tender, and of fine flavor; excellent for pickles and canning. Pt. 15c., qt. 25c., pk. $1.75, bus. $6.

Extra-Early Refugee. Similar in every respect to the ordinary Refugee, but is two weeks earlier; enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. Pt. 15 cts. qt. 30 cts., pk. $1.75, bus. $6.

Early China. An old standard variety; early and prolific. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.50.

Early Mohawk. A hardy variety that can be planted much earlier than other sorts; productive, and of fair quality. Pt. 15 cts., qt. 25 cts., pk. $1.50, bus. $5.

Long Yellow Six Weeks. An early variety, much prized for its productiveness and excellent quality. Pt. 15 cts., qt. 25 cts., pk. $1.50, bus. $5.

Green Flageolet (Wonder of France). A French variety with long, fleshy pods; the dry beans remain a bright green, even when cooked retain the appearance of newly gathered beans. Pt. 15c., qt. 30c., pk. $2, bus. $7.

Low's Champion. An ideal Bean for the table; very productive, with perfectly stringless, large, fleshy pods. Pt. 15 cts., qt. 25 cts., pk. $1.75, bus. $6.

Dwarf Horticultural. An old variety, but wonderfully productive; produces green-shelled beans earlier than any other variety, of a quality almost equal to the Lima. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Warren. One of the richest flavored bush Beans in cultivation; has large, green, pulpy, stringless pods; very productive. Pt. 15 cts., qt. 25 cts., pk. $1.75, bus. $6.

Large White Kidney. Excellent as a shell bean, green or ripe. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.

DWARF WAX or YELLOW-PODDED BEANS.

If to be forwarded by mail, add 15 cents per quart for postage.

Wardwell's Kidney Wax. Very hardy and prolific; pods large and handsome, both in color and form; tender and fine; not liable to rust. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $7.

Improved Black Wax. Superior to the ordinary strain, being much earlier, with perfectly round pods of a rich golden color; very prolific. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Improved Golden Wax. This standard variety still retains its popularity, and is the most desirable sort for general cultivation; pods very long, tender, brittle, and of delicate flavor. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Flageolet Red Wax. Flat, yellow stringless pods of great size and unsurpassed flavor. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Davis Kidney White Wax. A distinct variety of vigorous growth and handsome appearance; very productive; the dry beans are clear white, and for baking have no superior. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.50.

Roger's Lima Wax. So named on account of the resemblance of the foliage and bloom to that of Dwarf Lima; for productiveness, handsome translucent lemon color and delicious flavor, it takes first place, while the dry beans are just the thing for baking. Pt. 15 cts., qt. 30 cts., pk. $1.50, bus. $5.

Refugee Wax. Suitable for early or late sowing; an immense yielder; has long round pods of a beautiful golden color. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Yosemite Mammoth Wax. The largest podded of all the Wax sorts; fleshy and of a rich golden appearance; absolutely stringless, tender and delicious. Pt. 20 cts., qt. 50 cts., pk. $2.50.

Rust-Proof Black Wax. Freedom from rust is the chief characteristic of this desirable variety, while for superior quality and productiveness it is unsurpassed. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Wardwell's Kidney Wax Bean.

DWARF LIMA BEANS.

Burpee's Bush Lima. A perfect bush form of the Large Lima; grows 18 to 20 inches high, robust and always erect. Pt. 20 cts., qt. 35c., pk. $2, bus. $7.50.

Henderson's Bush Lima. Very popular on account of its great productiveness and earliness; beans small, but of the true Lima flavor. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

Thorburn's Bush Lima, A dwarf form of the Challenger or Potato Lima; the best flavored of all. Pt. 20 cts., qt. 35 cts., pk. $2, bus. $7.50.

Burpee's Bush Lima Bean.

POLE, or RUNNING BEANS.

HARICOTS A RAMES. *Frijole de Bejuco.* Stangen-Bohnen.

One quart will plant 100 hills; 10 to 12 quarts required for an acre.

For pole varieties drive stout poles 4 feet apart each way, leaving them from 6 to 8 feet high when set. Make a slightly raised hill about the base and plant 5 or 6 seeds, placing the eye downward when planting large flat varieties like the Limas.

If to be forwarded by mail, add 15 cents per quart for postage.

King of the Garden Lima. A vigorous grower, bearing an abundance of large pods, varying in length from 5 to 8 inches, and containing from four to six perfectly formed beans of superior quality. Pt. 25c., qt. 40c., pk. $2.50, bus. $9.

Dreer's Improved Lima. A very superior early variety of excellent quality and great productiveness. Pt. 25 cts., qt. 40 cts., pk. $2 50. bus. $9.

Early Jersey Lima. About two weeks earlier than Large Lima, but in other respects the same. Pt. 25 cts., qt. 45 cts., pk. $2.50, bus. $9.

Golden Cluster Bean.

Large Lima. The most highly esteemed Bean in cultivation. Pt. 20 cts., qt., 40 cts., pk. $2.25, bus. $8.

Golden Champion. The earliest wax Pole Bean. The pods attain enormous size, resembling the Yosemite Wax in size and form; rich golden color; stringless, and cooks tender. Pt. 30 cts., qt. 50 cts., pk. $3.50, bus. $12.

Golden Cluster. Pods a beautiful golden yellow color; of large size, averaging from 7 to 8 inches long and ¾ inch in width; fleshy, absolutely stringlesss and very brittle, while the flavor is delicious. Pt. 25 cts., qt. 45 cts., pk. $2.50, bus. $9.

Old Homestead, or **Improved Kentucky Wonder.** A very prolific sort, producing large clusters of round, fleshy, stringless pods of excellent flavor. A fine old Bean, not yet surpassed by any newer sort. Pt. 25 cts., qt. 40 cts., pk. $2.50, bus. $8.

Horticultural Cranberry. One of the best for family use. The pods are very tender and of fine quality. Pt. 20 cts., qt. 30 cts., pk. $1.75, bus. $6.

Early Dutch Case Knife. Very early and prolific, fine shelled, green or dry. Pt. 20c., qt. 35 cts., pk. $2, bus. $7.

Scarlet Runner. Ornamental as well as useful; has bright scarlet flowers; used both as a string and shell bean. Pt. 20 cts., qt. 35 cts., pk. $2, bus. $7.

White Dutch Runner. Similar to the preceding, except that the flowers are white instead of scarlet. Pt. 15 cts., qt. 30 cts., pk. $1.75, bus. $6.

ENGLISH BROAD BEANS.

They are as hardy as peas, and should be planted in spring as early as the ground can be worked, in order to get them into pod before hot weather. Plant in drills 4 feet apart, placing the beans 2 inches deep, and allowing from 4 to 6 inches between each. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

If to be forwarded by mail, add 15 cents per quart for postage.

Broad Windsor. The largest variety grown; can only be used as a shell Bean. Pt. 20 cts., qt. 30 cts., pk. $2.

BROCCOLI.

BROCCOLI. *Broculi.* Spargelkohl.

Nearly allied to the cauliflower, but more hardy and surer to head. For cultural directions see cauliflower.

White Cape. Heads medium size, close, compact, and of a creamy white color; one of the most certain to head. Pkt. 10 cts., oz. 50 cts.

Purple Cape. A greenish purple variety of the preceding; it is also hardier. Pkt. 10 cts., oz. 40 cts.

Walcheren. A valuable variety, with very large firm heads. Pkt. 10 cts., oz. 50 cts.

BRUSSELS SPROUTS.

CHOU DE BRUXELLES. *Berza de Brusels.* Rosenkohl.

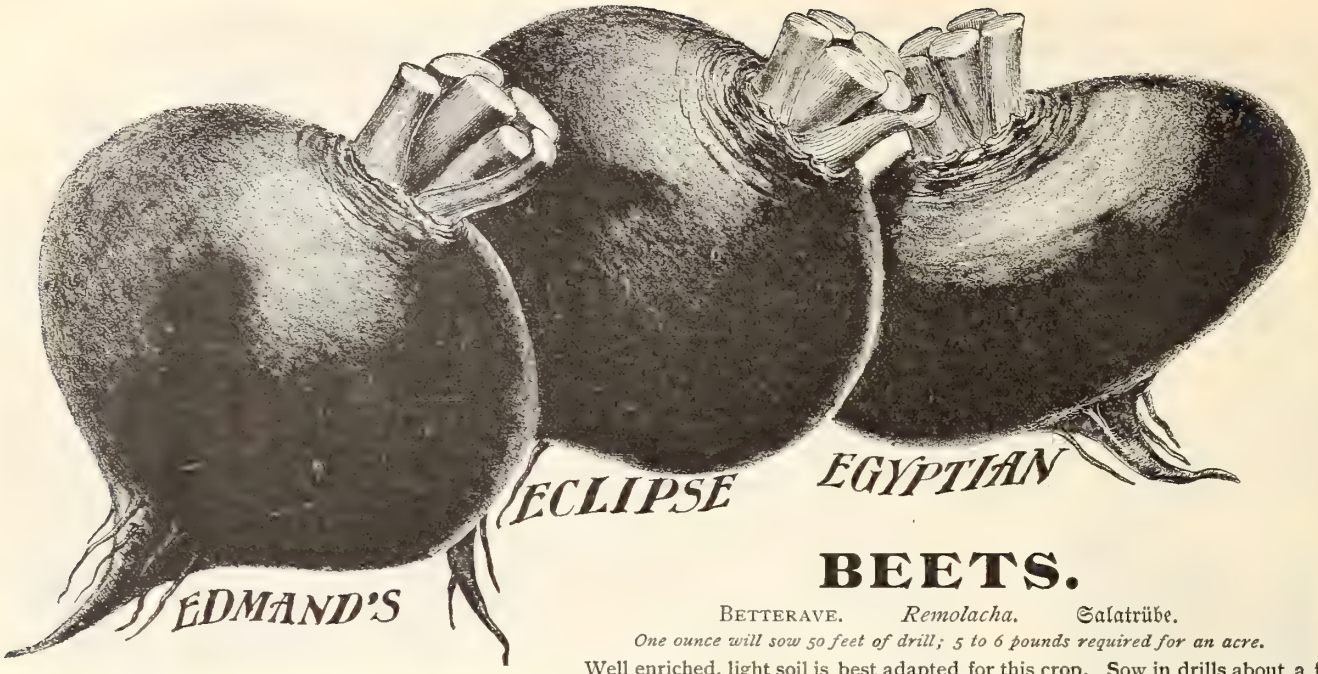
One ounce will sow 200 feet of row and produce about 3,000 plants.

This delicious vegetable is a species of the cabbage family, growing about 2 to 3 feet high, producing from the sides of the stalks small sprouts 1 to 2 inches in diameter, resembling cabbage heads. The leaves should be broken off in the fall to give the little heads more room to grow. The seed should be sown about the middle of May, and the plants afterwards set in rows 2 feet or more apart and cultivated like cabbage.

Tall French. Very fine tall sort. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Improved Dwarf. Produces compact sprouts of superior quality. Pkt. 10 cts., oz. 25c., ¼lb. 75c. lb. $2.50.

Brussels Sprouts.



BEETS.

BETTERAVE. *Remolacha.* Salatrübe.

One ounce will sow 50 feet of drill; 5 to 6 pounds required for an acre.

Well enriched, light soil is best adapted for this crop. Sow in drills about a foot apart, covering the seeds about an inch, pressing the soil firmly over the seeds, which is important to secure good germination. When the young plants are 2 or 3 inches in height they should be thinned to stand 6 or 8 inches apart. A good time to make the first sowing is when the trees are starting to leaf, and continue successive plantings every three or four weeks until end of July, so that a constant supply of fresh, tender roots may be had throughout the season.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Electric. Fine-grained, rich red flesh, changing alternately into rings of a lighter hue; exceedingly tender and remarkably early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Extra-Early Egyptian. Elegant forcing variety, and the best for first crop out of doors, being very early. The root is very dark red, flat; flesh is very hard and crisp, very tender when young. Pkt. 5c., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

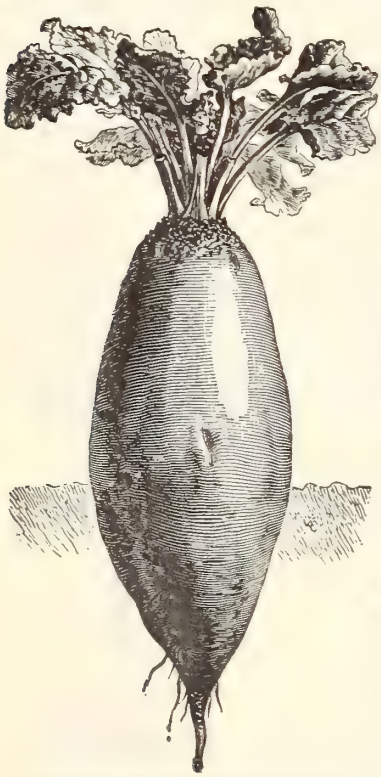
Early Eclipse. Very early, dark blood color, small top, and free from fibrous roots; popular on account of its uniform globular shape. Pkt. 5c., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Lentz. Fine, round form, very smooth; light red flesh, tender and sweet; a perfect keeper. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Bassano. A very early flat variety; flesh white and rose, tender, sweet and juicy. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Early Blood Turnip. The leading early sort. Very tender, and of good flavor; also fine for late use. Pkt. 5c., oz. 10 cts., ¼lb. 20 cts., lb. 50c.

Edmands' Early Turnip. Deep blood skin, and very dark flesh of best quality. An excellent main crop and winter sort. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.



Mammoth Long Red Mangel-Wurzel.

Columbia. A round, smooth-skinned variety, with deep blood-red flesh; very early, and of the finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Half-Long Blood. Flesh dark red, very sweet, crisp and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

Early Yellow Turnip. Resembles the Blood Turnip except in color; flesh yellow. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Long Smooth Blood. A prolific variety, very dark in color. Stands drought better than the turnip varieties. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Swiss Chard. The roots of this variety are of no value, but the leaves are of superior quality to those of the ordinary Beet, and excellent as greens. When the leaves are allowed to grow they have large, flat, wax-like midribs, which, when cooked like asparagus, make a delicious dish. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

MANGEL-WURZEL AND SUGAR BEETS.

For field culture the rows should be wide enough to admit the horse-cultivator, and the roots not nearer than 1 foot in the row. Sow five or six pounds of seed to the acre. When larger quantities are required, write for special prices.

Mammoth Long Red. A long red variety preferred by many to common Long Red, as it is considered of better keeping quality; good for deep soils. ¼lb. 15 cts., lb. 30 cts.

Norbiton Giant, Long Red. One of the finest varieties in cultivation; grows to an enormous size. ¼lb. 15 cts., lb. 30 cts.

Golden Tankard. Skin and flesh rich golden yellow. Matures somewhat earlier than other varieties. Exceedingly hardy, easily pulled and of excellent quality. ¼lb. 15 cts., lb. 30 cts.

Yellow Globe. Does better on shallow soils than the long varieties, and is more easily pulled; it is also of a richer quality, and an excellent keeper. ¼lb. 15 cts., lb. 30 cts.

Improved Wanzleben Sugar Beet. A superior variety for sugar-making; root conical, straight and even; quite large at the head and rapidly tapering; a heavy yielder; contains from 13 to 15 per cent of sugar. ¼lb. 15 cts., lb. 35 cts.

White Sugar Beet. Largely grown for sugar-making; very sweet and keeps well; much relished by stock. ¼lb. 15 cts., lb. 30 cts.

CABBAGE.

CHOU. *Berza de repello.* Kohl.

One ounce will sow 300 feet of row and produce about 3,000 plants.

For early use, sow the seed in hotbeds in February or March, or it may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May, and the plants set out in July, 2½ by 3 feet.

Holland, or Danish Ballhead Cabbage.

Charleston, or Large Wakefield. Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger in size, very solid and not so pointed. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.25, lb. $3.50.

Selected Early Jersey Wakefield. The standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Pkt. 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.50.

Early Winnigstadt. A standard second-early variety of the Sugar-loaf type; grows to a good size, and does better on lighter soils than other sorts. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.

Improved Early Summer. Matures about ten days later than Jersey Wakefield; large, solid, flat heads of superior quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

All Seasons. Whether for medium early, main crop or late use, this is unsurpassed by any other sort; the heads are large, nearly round, very solid and of the best quality; keeping qualities above the average. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Excelsior Flat Dutch. The heads are large and solid, with few outer leaves, thus adapting it for close planting; we can recommend it highly for the South, as it stands the heat better than any other large sorts. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Excelsior Flat Dutch Cabbage.

Autumn King. One of the finest strains of late Cabbage ever offered; it produces regular, even heads of enormous size; a magnificent cropper. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Large Late American Drumhead. One of the largest, most solid and best-keeping late varieties; seldom fails to head, and is of good quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Surehead. Very uniform in size, hard, firm and of fine texture; sure to head even under unfavorable conditions. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Holland, or Danish Ballhead. The hardest heading variety known; of medium size, with few outer leaves, admitting of close planting; tender, crisp and solid; of remarkable weight for its size, and of extraordinary long-keeping qualities. Pkt. 10 cts., oz. 30 cts., ¼lb. $1.25, lb. $3.50.

Perfection Drumhead Savoy. For winter use, this variety is unsurpassed; heads large and solid, very tender and of excellent flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Tender and good. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Red Dutch. This is the variety that is generally used for pickling, for which purpose it is the best grown. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Mammoth Red Rock. The largest and most reliable heading red Cabbage yet introduced; round, solid heads of a deep red color. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Niggerhead

CHERVIL.

CERFEUIL. *Perifollo.* Bensenlauch.

The Curled Chervil is cultivated like parsley, and used for garnishing and flavoring soups and salads. The seed of the tuberous-rooted is sown in August, and treated like the carrot.

Curled Chervil. The young leaves are used for flavoring soups and salads. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Tuberous-Rooted. Prepared for the table like carrots, this is one of the most delicious vegetables grown. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.

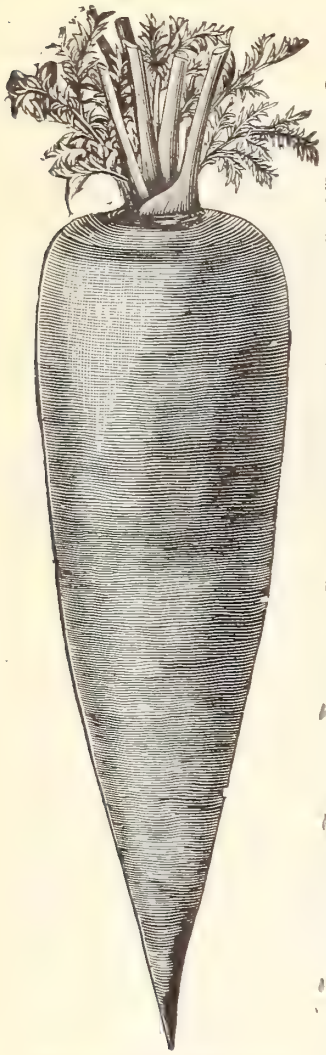
CHICORY.

CHICORÉE. *Achicoria a Cafe.* Chicorie.

Common, or Wild. Sown in June, the roots are transplanted in autumn into sand in a cellar; the young shoots form the *Barbe de Capucin*, the celebrated salad of France. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Large-Rooted. Used to mix with or as a substitute for coffee. Cultivation same as the carrot. Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. $1.

Early Winnigstadt Cabbage.



Improved Long Orange Carrot.

CARROTS.

CAROTTE. *Zanahoria.* Möhren.

One ounce will sow 100 feet of row; 2 to 3 pounds required for an acre.

Avoid sowing on newly manured ground, which has a tendency to produce forked roots; the land should, therefore, be manured the previous season. For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and ½ inch deep. Thin out the young plants to 5 inches, and keep the surface open by a frequent use of the hoe.

For field culture, sow in drills from 20 to 30 inches apart, and when plants are 1 to 2 inches high thin out to from 4 to 8 inches apart in the rows. An important feature in sowing Carrots, as in all other seeds, is firming the seed in the soil; this may be done with foot or spade.

If to be forwarded by mail, add at the rate of 8 cts. per lb. for postage.

Earliest French Forcing. Earliest of all varieties, and especially adapted for forcing; delicate, fine grained, and remarkably fine flavored. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

Early Scarlet Horn. An old and favorite sort. Roots top-shaped and stump-rooted, therefore easily pulled; grows well in shallow soil; color a deep orange; flesh fine grained. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Guerande, or Oxheart. Very desirable, being intermediate in length between the half-long varieties and the Scarlet Horn; in bulk of crop compares favorably with the long varieties, attaining at the top a diameter of 3 to 4 inches; of fine table quality. Pkt. 5 cts., oz. 10c., ¼lb. 30c., lb. $1.

Danver's Half-Long Orange. This variety is extensively cultivated, both for market and family use. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Half-Long Stump-Rooted. Intermediate in size and period of maturing between Long Orange and Scarlet Horn; an excellent sort of good quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Danver's Half-Long Orange Carrot.

Improved Long Orange. For garden and field crops this is the best and most profitable variety grown. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Carentan. A half-long, stump-rooted variety of fine quality and perfect shape; skin smooth, flesh red and free from core or heart, and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Large White Belgian. A very productive kind, grown almost exclusively for stock. Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

CAULIFLOWER.

CHOU-FLEUR. *Coliflor.* Blumenkohl.

One ounce will sow a bed of 40 square feet, and produce about 2,000 plants.

This crop will grow in any soil that suits cabbage. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared. Set in rows 2 feet apart and 2 feet between the rows. Keep them well hoed, and bring the earth gradually up to the stems, watering freely in dry weather, and especially when they begin to head. Cauliflower will not head in hot, dry weather, therefore the time of planting should be regulated so that it will head either in early summer or autumn.

Early Snowball Cauliflower.

Carrara Rock. The earliest variety grown, producing perfectly formed, compact, and almost snow-white heads of the finest quality; the surest to head. Pkt. 50 cts., ¼oz. $2.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of the finest quality. The standard variety for general use. Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.

Extra-Early Dwarf Erfurt. Almost if not quite as early as Snowball; very dwarf, with large, solid, pure white heads of finest quality. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.

Early London. A second-early of good size and somewhat hardier than other sorts. Pkt. 5 cts., oz. 30 cts.

Early Paris. A well-known variety of medium size; good for market purposes. Pkt. 10 cts., oz. 75 cts.

Half-Early Paris. Heads large, white, compact; good for either early or late use. Pkt. 10 cts., oz. 60 cts.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed white heads of extra quality. Pkt. 10 cts., oz. 60 cts.

Large Algiers. An extra-fine late variety of the best quality, suitable for market and sure to head. Plant large, of upright growth, the leaves protecting the head so that they will endure uninjured frosts that would ruin other sorts. Pkt. 10 cts., oz. 60 cts.

Veitch's Autumn Giant. A distinct and valuable late variety, producing large heads, pure white, firm and compact, which, being thoroughly protected by the foliage, remain a long time fit for use; a desirable variety for the South. Pkt. 5 cts., oz. 40 cts

CRESS, or PEPPERGRASS.

CRESSON. *Berro o Mastuerzo.* Kresse.

Sow early in April in shallow drills a foot apart; for succession, repeat every two weeks, as it soon runs to seed.

Extra Curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 40 cts.

WATER CRESS.

Water Cress may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown, and the thinnings transplanted. The plants should be set not less than a foot apart. The Cress will be fit for gathering the second year. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.

CELERY.

CÉLERI. *Apio.* Sellerie.

One ounce will sow about 300 feet of a row and produce about 5,000 plants.

Sow in the open border early in April in rich ground, pressing the seed down rather than covering with soil. When the plants are 3 inches high, transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. If they grow too quickly before needed for planting out, shear the tops off when about 4 inches in height, and they will grow more stocky. Plant in rows 3 feet apart, and set 8 inches apart in the rows. After the planting is completed, nothing further is necessary for six or seven weeks, except running through between the rows with the cultivator or hoe, and freeing the plants from weeds. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use. After the soil has been drawn up against the plant with the hoe, it is further pressed close around each plant by the hand, firm enough to keep the leaves upright and prevent them from spreading, using care to prevent the soil falling into the heart of the plant.

Golden Self-Blanching. A self-blanching variety of the White Plume type, ready for use nearly as early, blanches as easily and is larger in size, as well as finer in quality; of a rich golden-yellow color, crisp, tender and of fine flavor; keeps well. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $4.

White Plume. A valuable early variety; requires very little labor in blanching; one of the best for family use. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Pink Plume. The same as White Plume, except that the stalks are tinged with pink; of very attractive appearance, and possesses the rich flavor and long-keeping qualities for which the red Celeries are noted. Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $3.

Giant Pascal. A selection from Golden Self-Blanching, retaining all the good qualities of the parent, with the added feature of superior keeping qualities; grows about two feet high, with broad, thick, crisp stalks, the width and thickness of these being distinctive features of this variety. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Perfection Heartwell. Of medium height, the stalks being long and thick, while its compact structure makes it easily cultivated; it blanches well up in the leaves, and its crisp tenderness, distinct and delicious flavor are unequalled. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Shumacher. Immense size; solid and crisp, firm, golden yellow heart; an excellent keeper. Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $3.

Crawford's Half-Dwarf, or Golden Heart. Of vigorous growth and excellent flavor. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Boston Market. A well-known leading variety; crisp, solid, and of fine flavor. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

New Rose. Color a beautiful shade of rose; excellent flavor, solid, crisp and entirely stringless. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Celeriac, or Turnip-Rooted Celery. Has edible roots, used for soups and stews. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

Celery Seed. Used for flavoring only. Oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

Giant Pascal Celery.

SWEET CORN.

MAIS. *Maiz.* Maïs.

One quart will plant 200 hills; 8 to 10 quarts for an acre in hills.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra-early varieties can be planted 18 inches in the row and 2½ feet between the rows.

If to be forwarded by mail, add 10 cents per quart for postage.

Extra-Early Cory. Of great value for its extreme earliness; is ten days earlier than any other sort; ears of good size and first-rate quality. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

White Cory. A selection of the Cory with white cob and kernel; this variety is not excelled in earliness by any sort equal in size. Pt. 15 cts., qt. 20 cts., pk. $1, bus. $3.50.

Early Minnesota. Very early; ears of fair size and uniform; plant rather dwarf; one of the best early kinds. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Crosby's Early. One of the standard early sorts; ears of medium size. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Moore's Early Concord. A standard variety for market or family use; ears large, of superior quality. Pt. 10c., qt. 20c., pk. $1, bus. $3.50.

Perry's Hybrid. An early twelve-rowed variety, growing only 4 to 5 feet high, with ears set very low on the stalks; kernels white, large, sweet and very tender. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

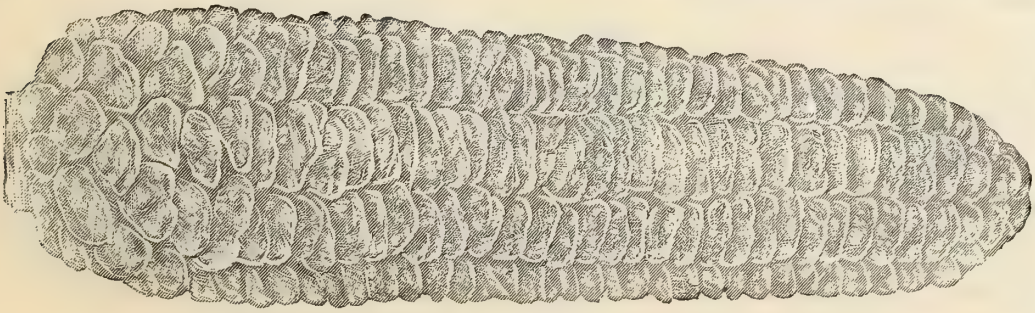
Early Eight-Rowed. Ears long; kernels large, deep and straight in the row; a good variety. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Squantum, or Excelsior. A second-early sort, very sweet and luscious; produces four or five ears to the stalk. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Early Mammoth. A valuable variety; ears twelve-rowed, straight and handsome; remarkable for its delicious sweetness. One of the largest of the early sorts. Pt. 10c., qt. 20 cts., pk. $1, bus. $3.50.

Late Mammoth. The largest late variety; twelve- to sixteen-rowed; cob white, large and well filled; very productive and fine flavored. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Country Gentleman (Improved Ne Plus Ultra.) The sweetest and most tender of all Sweet Corn; ears short, cob small, and the kernels pearly white and irregularly crowded together on the cob. Pt. 15 cts., qt. 25 cts., pk. $1.50, bus. $4.



White Cory Corn.

SWEET CORN, continued.

Black Mexican. The ripe grain of this variety is bluish-black, but when in condition for the table looks remarkably white; considered the sweetest and most tender of any kind in the whole list. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.

Stowell's Evergreen Corn.

Hickox Improved. Of medium earliness; valuable for market or family garden; ears twelve-rowed; quality of the best. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Egyptian, or Washington Market. Vigorous and productive; ears large and uniform, tender and sweet. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

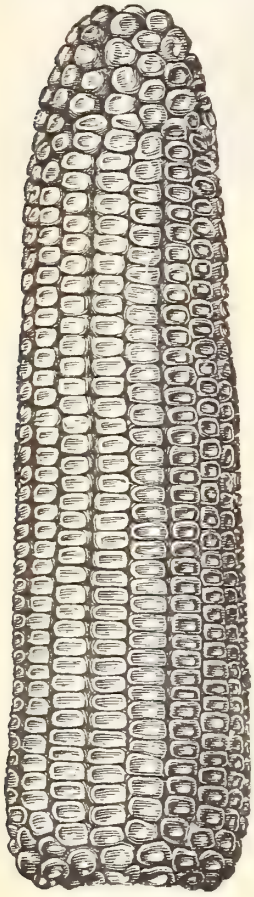
Stowell's Evergreen. The most popular variety grown; late; ears large; very sweet, and retain their juicy tenderness longer than any other sort. Pt. 10 cts., qt. 20 cts., pk. $1, bus. $3.50.

Sweet Corn for Fodder. For sowing broadcast or in drills for summer or early fall feed. Sow 3 bushels to the acre broadcast, or half that quantity in drills. Bus. $1.50.

FIELD CORN.

Longfellow. A popular and well-known eight-rowed yellow flint variety; very early and prolific. Qt. 15 cts., pk., 50 cts., bus. $1.50.

Improved Leaming. The earliest dent Corn in cultivation, ripening in 100 days from time of planting; large ears, with small red cob and deep, large orange-colored grain. Qt. 15 cts., pk. 50 cts., bus. $1.50.



Field Corn.

Early Yellow Canada. A very early small-eared variety; matures in 90 days. Qt. 15 cts., pk. 50 cts., bus. $1.50.

Sanford. A white flint, planted extensively for fodder, the stalks being extra large and numerous. Qt. 15 cts., pk. 50c., bus. $1.50.

Improved Early Sheeptooth. Nearly two weeks earlier and better adapted for fodder and ensilage in the northern states than the ordinary Southern Sheeptooth; stalks are 12 to 14 feet in height, and enormously productive. Qt. 15 cts., pk. 50 cts., bus. $1.25.

POP CORN.

White Pearl. Smooth-grained ears 4 to 5 inches long. Lb. 10 cts.; by mail, 20c.

White Rice. Kernel pointed; ears 4 to 5 inches long; very early. Lb. 10 cts.; by mail, 20 cts.

CORN SALAD, or FETTICUS.

MACHE. *Macha o Valerianilla.* Steckſalat.

One ounce will sow 100 feet of row; six pounds is required for one acre.

Corn-Salad, Fetticus or Lamb's Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows 1 foot apart and ⅛ of an inch deep, and is fit for use in six or eight weeks from the time of sowing. If wanted early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over the same way as spinach.

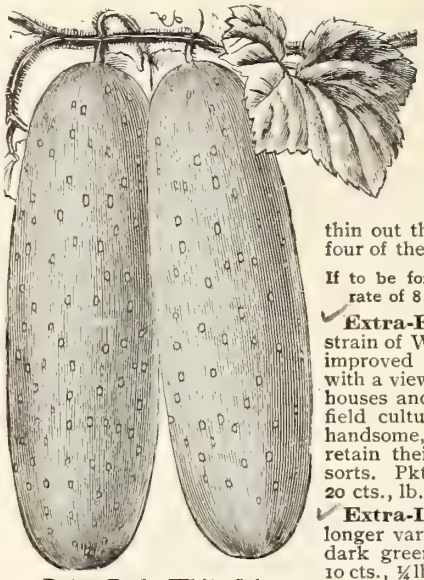
Large-Seeded. The best variety. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

CUCUMBERS.

CONCOMBRE. *Pepino.* Gurken.

One ounce will plant 50 hills; 2 to 3 pounds is required for one acre.

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared, by mixing thoroughly with the soil in each, a shovelful of well-rotted manure. Sprinkle the vines liberally with Slug-Shot to protect from bugs, and when all danger from insects is passed, thin out the plants, leaving three to four of the strongest to each hill.



Extra-Early White Spine.

If to be forwarded by mail, add at the rate of 8 cts. per pound for postage.

Extra-Early White Spine. A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hothouses and frames; also elegant for field culture. Our stock produces handsome, dark-colored fruits, which retain their color longer than other sorts. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Extra-Long White Spine. A longer variety of the preceding, and dark green in color. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Everbearing. Very early and enormously productive, and valuable as a green pickle; it continues to flower and produce fruit until killed by frost. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.

Cool and Crisp. Extra early and very prolific; long, straight, slender, and very dark green; good either for pickling or slicing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.

Green Prolific Pickling. One of the best for pickling; dark green, very productive, and of uniform small size. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Long Green. A fine long fruit of excellent quality; dark green. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Nichols' Medium Green. An excellent variety; most symmetrical; has splendid table qualities. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Japanese Climbing. It bears abundantly throughout the season, while the climbing habit enables the hanging fruit to grow perfectly straight and from 12 to 16 inches in length; the cucumbers are thick, tender, and of a delicate flavor; flesh white; skin dark green, turning to brown, and netted when ripe. Pkt. 5c., oz. 10c., ¼lb. 20 cts., lb. 65 cts.

West India Gherkin, or Burr. Used only for pickles. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

The following sorts we offer at the uniform price of 5 cts. per pkt., 10 cts. per oz., 20 cts. per ¼lb., 60 cts. per lb.: **Early Cluster, Early Russian, Tailby's Hybrid, Boston Pickling, Commercial Pickling.**

Everbearing Cucumber.

Dandelion.

ENGLISH CUCUMBERS.

FOR FORCING.

Sow in small pots from middle of January, in hotbeds or hot-house. When grown to three leaves, plant out in a previously prepared hill of loose, rich soil, in the center of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat. The following selection includes some of the leading English varieties:

Telegraph, Marquis of Lorne, Duke of Edinburgh, Tender and True, Covent Garden Favorite, Lockies' Perfection. Pkt. of 10 seeds 25 cts., 100 seeds $2.25.

DANDELION.

PISSENLIT *Amargon.* Pardeblum.

The Dandelion affords one of the earliest and most healthful spring greens or salads. It is best when blanched. The roots, when dried and roasted, are often used as a substitute for coffee. Sow early in spring, in drills 18 inches apart, and thin out to 6 inches in the drills. Keep clear of weeds, and the following spring it will be fit for the table.

French. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Improved Large-Leaved. A new, thick-leaved variety of great productiveness and fine flavor. Pkt. 10 cts., oz. 75 cts., ¼lb. $2.50.

EGGPLANT.

AUBERGINE. *Berengena.* Eierpflanze.

One ounce will produce about 2,000 plants.

The Eggplant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high, pot in two-inch pots. Plant out, about June 1, 2½ feet apart. If no hotbed is at hand, they can be grown in any light room where the temperature will average 75 degrees.

Improved New York Spineless Eggplant.

Improved New York Spineless. This is a great improvement on the popular New York Improved. The plant is low and branching and quite free from spines; fruit of large size and perfect form; two weeks earlier than the old variety; excellent quality and very productive. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

Black Pekin. A fine variety, bearing large, round, deep purple fruits, fine grained, and of superior quality. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

Early Long Purple. Early, hardy and productive; excellent for the table. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

ENDIVE.

CHICORÉE. *Escarola o Endivia.* Endivie.

One ounce will sow 100 feet of row; 3 pounds is required for one acre.

A highly esteemed winter salad. For the first crop sow about the middle of May, and for succession in June and July. When the plants are 2 or 3 inches high, thin them out, or transplant into moderately rich and rather light soil 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched, an operation which is simply performed by tying the leaves together, or covering with boards or flower-pots.

Broad-Leaved Batavian Endive

ENDIVE, continued.

Green Curled. Beautifully curled, tender and crisp. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.

French Moss Curled. From the density of its foliage this variety is heavier than Green Curled; equally agreeable as a salad. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.

White Curled. Leaves pale green; very tender when cut young; blanches readily. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.

Broad-Leaved Batavian (Escarrolle). This variety is chiefly used in soups and stews; requires to be tied up in blanching. Pkt. 5c., oz. 15c., ¼lb. 40c., lb. $1.50.

Tall Curled Scotch Kale.

KALE, or BORECOLE.

CHOU VERT FRISE. *Col.* Krauskohl.

One ounce will sow a bed of 40 square feet, and produce about 3,000 plants.

To grow this valuable winter vegetable successfully, it is important that the soil should be deep, well worked and liberally manured. Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating cabbage.

Dwarf Green Curled Scotch. Rarely exceeds 18 inches in height, but spreads under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green; very hardy, and will stand out where temperature does not fall below zero. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Tall Green Curled Scotch. Taller in growth than the above. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Dwarf Brown, or Purple Curled. Like the Dwarf Green, except in color; very productive and hardy; stands winter weather to a temperature of zero. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Siberian Curled. The favorite sort for fall sowing, growing about 2 feet high; leaves bluish-green; hardier than all others, and will stand out all winter. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

KOHLRABI.

CHOU-RAVE. *Colibano.* Kohlrabi.

One ounce will sow 200 feet of row; 4 pounds will produce plants for one acre.

Kohlrabi, or Turnip-stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought and is a good keeper. Cultivate the same as for cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot form.

Early Short-Leaved White Vienna. The earliest and best for either market or family use; of mild and delicate flavor. Pkt. 10 cts., oz. 35 cts., ¼lb. $1, lb. $3 50.

Early White Vienna. Handsome and delicate. Pkt. 5c., oz., 25c., ¼lb. 75c., lb. $2 50.

Early Purple Vienna. Similar to the preceding, except in color, which is of a bluish-purple. Pkt. 5 cts., oz. 30 cts., ¼lb. 85c., lb. $3.

Large Green. A late variety that is largely grown for feeding stock. The bulbs often weigh 7 or 8 pounds each, and are of a whitish-green color. Pkt. 5 cts., oz 10c., ¼lb. 35c., lb. $1.25.

Kohlrabi.

LETTUCE.

LAITUE. *Lechuga.* Salat.

One ounce will sow 300 feet of row; 3 pounds will plant one acre in rows 3 feet apart.

For early plants, the seed may be sown in September, and transplanted into coldframes for protection during the winter; or sow in February or March in hotbeds with a moderate bottom heat, cover lightly, and thin sufficiently to prevent crowding; gradually harden by exposure. Transplant to the open ground in a sheltered location in April; set in rows a foot apart, and 6 inches apart in the row. When heads begin to form, thin out by using alternate plants in the rows. For succession, sow in prepared beds as soon as the ground can be worked, and at intervals of two weeks during the summer. To be crisp and tender, its growth should be vigorous and rapid, which requires rich soil, plenty of well-rotted manure and an abundance of moisture.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Elliott's Hothouse. The best variety for growing under glass; large size, a sure header and not liable to rot at the heart; a favorite among private and market-gardeners. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.

Big Boston. Identical in shape and color with Boston Market, but double the size; fine for forcing in coldframes or for open ground. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

Boston Market (White-Seeded Tennis-Ball). Grown extensively by market-gardeners, under glass, for winter use; very compact head of the best quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Golden Queen. Medium size; golden yellow, solid heads; very early. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Golden Stone Head. One of the earliest, and best for forcing; very solid, of superior quality, and exceedingly tender. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Early Curled Simpson. A leading early sort; very tender; white seed. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Black-Seeded Simpson. Nearly double the size of the ordinary Curled Simpson; a superior variety; large, and of light color. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Iceberg Lettuce.

Big Boston Lettuce.

Improved Salamander. Fine, compact heads, which resist the summer heat admirably. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

Mammoth Butter (Black Seed). A select strain, with large, solid, yellow heads; favorite variety of New York market-gardeners. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Black-Seeded Tennis-Ball. Hardy and crisp; of excellent quality; one of the earliest of the heading varieties. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

White Summer Cabbage. Close heads, of good size; fine for summer. Pkt. 5 cts., oz. 15 cts., ¼lb. 30c., lb. $1.

New York Cabbage. Large, solid heads; dark green color. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Iceberg. Produces solid heads 8 inches in diameter, very crisp and sweet; is a valuable variety for main crop, as it does not run to seed readily; it is in season for a long time. Pkt. 5c., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.

Large American Flag Leek

Improved Hanson. An ideal summer Lettuce; none more reliable for outdoor cultivation; heads grow to a remarkable size, and are very solid; the outer leaves are a bright green, while the inner present a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Mignonette. Distinct russet-colored; solid and compact. Pkt. 5c., oz. 15c., ¼lb. 40c., lb. $1.25.

White Cos Romaine. Fine, if sown very early; requires tying up to blanch. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Trianon Self-Closing Cos. The finest of all the Cos sorts, resisting warm weather. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Elliotts Leviathan

LEEK.

POIREAU. *Puerro.* Porree.

One ounce will sow 200 feet of a row; 4 pounds is required to plant one acre.

The Leek is very hardy, and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high, transplant in rows 15 inches apart, with 6 inches between the plants. Set as deep as possible, that the neck, being covered, may be blanched.

Large American Flag. The largest and most desirable either for market or family use. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $1.75.

Large Carentan. Large-growing French variety of excellent quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.

Large Rouen Winter. An excellent variety; remains a long time in good condition. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.

MARTYNIA.

A strong-growing annual plant, bearing curiously shaped seed-pods, which, when young and tender, make excellent pickles. Sow in the open ground in May, and thin out the plants to 2 or 3 feet apart, or a few seeds may be sown in a hotbed, and afterwards transplanted. Pkt. 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.

Paul Rose Muskmelon.

MELON, MUSK.

MELON MUSCACE. *Melon Muscatel.* Cantalupe.

One ounce will plant 80 hills; 3 pounds is required for one acre.

Melons should be planted on a rather light, rich, sandy loam. The middle of May is early enough for planting in open ground. Make hills about 6 feet apart each way, and put in each a good shovelful of well-composted manure; press it down and cover with earth. Upon each hill plant six to twelve seeds about ½ inch deep. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. Slug-shot or tobacco dust is excellent to sift over the young plants when the dew is on to prevent attacks of insects. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots. The seed may also be started outdoors under handframes or glasses.

If to be forwarded by mail, add at the rate of 8 cts. per pound for postage.

Extra-Early Hackensack. This variety is nearly equal to the Hackensack in size, and at least ten days earlier; earliest and best of all the netted melons. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Hackensack. Large, round and of good quality; a popular variety. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Long Island Beauty. A splendid early variety of the Hackensack type, slightly more ribbed and densely netted; flesh green and of superior quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Emerald Gem. The flesh is of a suffused salmon color, and ripens thoroughly to the extreme thin green edge. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Montreal Market. A decided improvement upon the old form of Nutmeg, being twice the size and greatly superior in flavor. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Nutmeg. Named from its shape; green flesh, sweet; good for main crop; early. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Jenny Lind. Small, green-fleshed; very early; good quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Delmonico. An oval-shaped melon of large size, finely netted, and has beautiful orange-pink flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Osage, or Miller's Cream. Grows to medium size and is egg- or globe-shaped; skin very thin, dark green and well netted; flesh salmon-pink, remarkably sweet, spicy, extremely thick and delicious to the rind. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60c.

Mango Melon, or "Vine Orange." (Also called "Vegetable Peach.") Size, shape and color of an orange; thick, meaty flesh; fine for pickling or preserving. Pkt. 5c., oz. 15c., ¼lb. 30c., lb. $1.

Long Island Beauty Muskmelon.

Champion Market. Of large size, slightly elongated, densely netted; flesh light green and very sweet and delicious. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Rocky Ford. This has become one of the most popular of small melons; fruit is oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high-flavored. Good shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Paul Rose. This new variety surpasses anything yet introduced; the color is a beautiful netted gray, underlaid by dark-green rind; the flavor is delicious; a splendid shipper and good keeper. Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Improved Christina. One of the finest orange sorts; round, very sweet and very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

The Banquet. Beautifully netted, medium-sized; flesh rich salmon; fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

MELON, WATER.

MELON D'EAU. *Zandia.* Wassermelone.

One ounce will plant about 30 hills; 4 to 5 pounds is required for one acre.

Plant in hills as directed for muskmelons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

If to be forwarded by mail, add at the rate of 8 cts. per pound for postage.

Green and Gold. The flesh is a beautiful golden-orange color, and in flavor is said to surpass any of the red-fleshed sorts. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Ruby Gold. One of the juiciest and finest flavored varieties there is. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

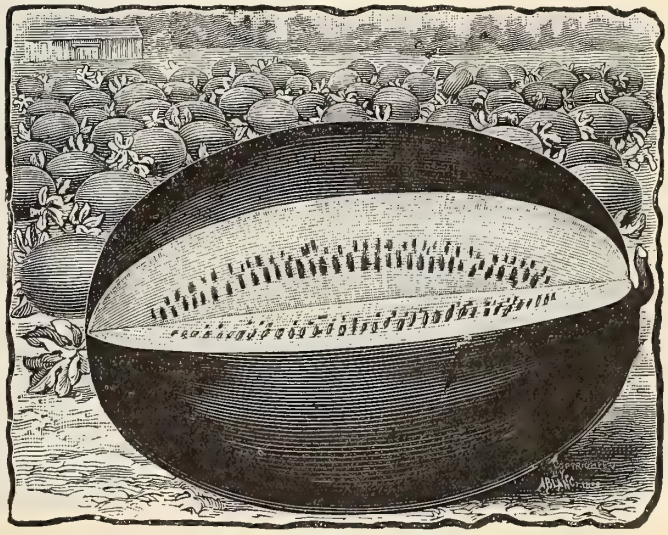
Jordan Gray Monarch. Largest grown; crimson flesh; late. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Kolb Gem. Large, bright red flesh of fine quality, and a good shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Pride of Georgia. Round, large, crisp; bright red flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

The Boss. Oblong; dark green; flesh deep scarlet, and rind thin. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Mammoth Ironclad. Long, very large, late; red flesh; good shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

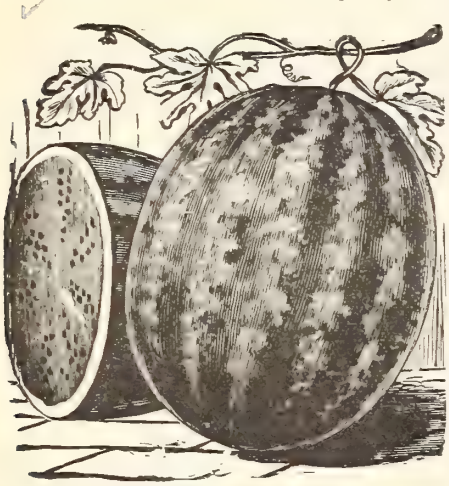


Green and Gold Watermelon.

MELON, WATER, continued.

White-Seeded Ice Cream. Very early; red flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Dixie. A melon of excellent quality; extremely sweet, juicy and tender; very early, hardy and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.



Cole's Early Watermelon.

Cuban Queen. Solid and heavy; skin marked regularly; excellent quality; early. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Black Spanish. Large, roundish, nearly black; dark red flesh; early. Pkt. 5 cts., oz. 10c., ¼lb. 20c., lb. 50c.

Mountain Sweet. An old and reliable sort; flesh red; late. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Florida Favorite. A superb strain; improvement on Rattlesnake; intermediate. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Cole's Early. Enormously prolific and delicate in texture of flesh, which is bright red in color clear to the rind, which is thin and brittle; of medium size, nearly round; green, striped with lighter shades. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Gipsy, or **Rattlesnake.** A large, striped variety of oblong shape; flesh scarlet, and of superior quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Citron. For preserving. Handsome round fruit of small size, highly esteemed as a table preserve. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

MUSTARD.

MOUTARDE. *Mostaza.* Senf.

One ounce will sow about 80 feet of row.

Mustard in a green state is a refreshing salad, mixed with cress, lettuce or other salad plants. It is necessary to make frequent sowings of it, as it should be cut and used in a very young state, even before the first rough leaf has appeared. For early crops the seed may be sown in a hotbed in March; and for general crops at frequent intervals through the spring, in drills from 8 to 12 inches apart.

If by mail, add at the rate of 8 cts. per pound for postage.

White or Yellow. The best variety for salads; the seed is also used medicinally and as a seasoning for pickles. Oz. 5 cts., ¼lb. 10 cts., lb. 30 cts.

Southern Giant Curled. We offer a fine strain of the true Curled-Leaf variety so popular in the South for planting in the fall to furnish an early spring salad. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

NASTURTIUM.

CAPUCINE. *Maraneula.* Nasturtium.

One ounce will sow about 20 feet of row.

The Nasturtium is both ornamental and useful, the tall variety forming a showy and graceful climber, and the dwarf an exceedingly beautiful and attractive border flower, while the young seeds of either, when pickled, furnish an excellent substitute for capers. As soon as all danger of frost is past, sow the seed in drills 1 inch deep; the tall should be grown by the side of a fence or supported by a trellis.

Tall Mixed. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. $1.
Dwarf Mixed. Pkt. 5c., oz. 15c., ¼lb. 35c., lb. $1.25.

For complete list of other Nasturtiums, see Flower Seeds.

ELLIOTT'S SURE-CROP Mushroom Spawn.

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the summer and fall months. Having procured the spawn, the next thing to be attended to is to make preparations for the beds. About a fortnight or three weeks before the beds are to be made, collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up, lay out your bed according to your requirements, say 3 feet wide, 10 feet long, and from 2 to 3 feet deep; beat it well down with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed, then cover the bed with 2 inches of rich soil, the stronger the better, but of a loamy quality, beating it down firmly with a spade. The soil used for this purpose should be in a pliable condition, and not too wet or over-dry. Cover the bed with a foot of dried straw or hay; examine once a week to see if the manure is not heated while in this condition; if so, it will destroy the spawn, and necessitate spawning a second time. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry, give a gentle watering with tepid water, using a rose on the watering-pot. If the beds are made out of doors, protect them from rain by covering them with shutters or sashes. Good crops of mushrooms can be obtained by spawning the hotbeds in spring. They can also be raised in pots, boxes, or anything capable of keeping the materials together, and placed in a cellar, closet or greenhouse. We have on hand a choice lot of English and French spawn.

If by mail, add 10 cts. per pound for postage.

English Spawn. Lb. 15 cts., 8 lbs. $1. Price of larger quantities on application.

French Spawn. In 3-lb. boxes, $1.25 each.

MUSHROOM CULTURE.

By W. Robinson, England's standard authority on this subject, giving methods of growing in houses, sheds, cellars and outdoors. Mailed for 50 cts.

Bed of Mushrooms grown from Elliott's Sure-Crop Mushroom Spawn.

ONIONS.

OIGNON. *Cebolla.* Zwiebel.

One ounce will sow 100 feet of a row; 5 pounds is required for one acre.

For Onion-culture the ground should be prepared the previous autumn by plowing or spading deeply, using plenty of well-rotted barnyard manure. A rather strong, deep, rich, loamy soil is considered most suitable, although we have seen splendid crops raised upon a stiff clay soil, which was well under-drained. Sow the seed as early in spring as practicable, in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller or the back of a spade. When the young plants are strong enough thin out to 4 inches apart. Keep the surface of the ground open and free from weeds by hoeing frequently.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Extra-Early Barletta. A small white Italian sort; earliest of all. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

White Queen. Pure white; small; flat; extra early; fine for pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Early Red. A trifle smaller, but fully ten days earlier than the Large Red Wethersfield; of milder flavor and a good keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.75.

Large Red Wethersfield. A well-known sort, grows to a large size, very productive and an excellent keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

Yellow Globe Danvers. A very excellent variety, of globular shape; flesh white and mild flavored; skin brownish yellow. It is very productive and a good keeper. Pkt. 5 cts., oz. 15c., ¼lb. 50c., lb. $1.50.

White Portugal. A handsome Onion of mild flavor, fine for early winter use, and much used for pickling when small; is not a good keeper. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

White Globe (Southport Strain). A handsome, large-sized Onion; flesh firm, fine-grained and mild; keeps well. Pkt. 5 cts., oz. 25 cts., ¼lb. 60 cts., lb. $2.

Red Globe (Southport Strain). Rich purplish crimson color; globe-shaped; a good keeper and of superior quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.

Yellow Globe (Southport Strain). Clear yellow color; good shape and an excellent keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

Giant Rocca. A splendid variety of exceedingly mild flavor; large, globular shape and light brown skin. Pkt 5c., oz. 20c., ¼lb. 60c., lb. $2.

Yellow Strasburg, or Dutch. Bulbs flat, of good size; skin rich yellow, turning brown when exposed; flesh white and of mild flavor; one of the very best to grow for sets. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.

Australian Brown. A recent introduction of great merit; of medium size, hard and solid; nearly four weeks earlier than Red Wethersfield, and for keeping qualities has no equal. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.

Mammoth Silver King, or Giant White Garganus. Single Onions of this variety, grown from seed the first season, have weighed as much as 3 pounds; it matures early, is a white-skinned and a white-fleshed variety, of flat shape and of mild and delicate flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Prizetaker. This is the large Onion that is offered for sale at the fruit stores in New York and other large cities; rich straw color; very hard and an excellent keeper. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Giant Rocca Onion.

White Velvet Okra.

ONION SETS, ETC.

One quart will plant 100 feet of row; 10 bushels is required for one acre.

Onion sets should be planted very early in spring in rows 12 inches apart, placing the sets 4 inches apart in the row. They must have high culture for the best results. When raised from sets, green Onions can be had in June, or they can be ripened off in July.

If to be forwarded by mail, add 10 cents per quart for postage.

	Qt.	Pk.		Qt.	Pk.
Yellow Onion Sets	$0 25	$1 50	**Egyptian, or Perennial Tree**	$0 25	1 25
White Onion Sets	30	1 75	**Shallots**	25	1 50
Red Onion Sets	25	1 50	**Garlic.** Lb. 35 cts., mail 45 cts; by express, 10 lbs., $3.		
White Potato (Multiplier)	30	1 75			

OKRA, or GUMBO.

GOMBAUD. *Quimbombo.* Safran.

One ounce will sow 50 feet of row.

Sow late in spring, after the ground has become warm, in drills 3 feet apart, where the plants are to remain. Thin out to from 9 to 12 inches. They should be well manured. They may also be raised in pots or a hotbed, and transplanted.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Long Green. Dwarf, very productive; long, green pods. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

White Velvet. Tender, white pods; smooth and velvety in appearance. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50c.

PARSLEY.

PERSIL. *Perijil.* Petersilie.

One ounce will sow 150 feet of row.

The seed is very slow to germinate, and usually three or four weeks elapse after sowing before the plants make an appearance. To hasten germination soak seed a few hours in tepid water and sow thickly in shallow drills a foot apart. Cover lightly, and later thin the plants to 5 or 6 inches apart in the row. For winter use, protect in coldframes or a light cellar. Hamburg Parsley is cultivated for its roots, and treated in the same manner as carrots.

Elliott's Emerald. A beautiful variety of unsurpassed quality; of dwarf habit; beautiful bright green color, and finely crimped and curled. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.

Champion Moss Curled. A fine variety, beautifully curled; best for market and private use. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Fern-Leaved. A beautiful variety; valuable for table decoration. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Carter's New Perpetual. A distinct and valuable variety that does not readily run to seed; finely curled and very robust. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.

Plain-Leaved, Used in soups, etc., for seasoning; stronger in flavor than other sorts. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb, 75 cts.

Hamburg, or Rooted. The roots resemble a small parsnip, and are the portions used; highly esteemed for flavoring soups, stews, etc. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

PARSNIP.

PANAIS. *Chirivia.* Pastinake.

One ounce will sow 200 feet of row; 3 to 4 pounds is required for one acre.

Sow as early in spring as the weather will permit, in drills 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep, manured, if possible, the previous autumn. Thin out the young plants to about 6 inches apart; and keep the surface of the ground open, and free from weeds. It is perfectly hardy, and may remain in the ground through the winter; indeed, the fine, sugary flavor, for which the vegetable is noted, is only developed by a severe frost.

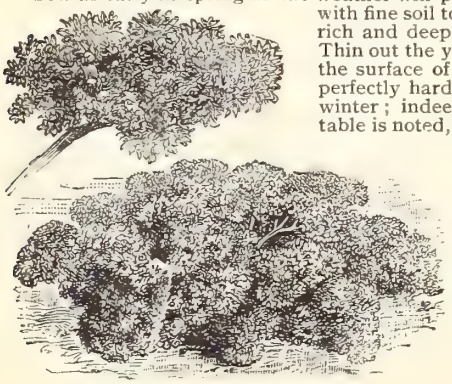
Long Smooth or Hollow-Crowned Parsnip.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Long Smooth or Hollow-Crowned. A standard table sort; the best and most productive for field culture. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

The Student. A fine-flavored variety, not so long as the preceding, is recommended for small gardens. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Early Round. Adapted to shallow soils; very early, and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.


Elliott's Emerald Parsley.

GARDEN-MAKING.

Suggestions for the utilizing of home grounds. A guide to daily practice in the garden, giving in simple language just the information wanted by every one who buys a single packet of seed or grows one plant. The one book every grower needs. Fully illustrated. 8vo, cloth, $1.

PEAS.

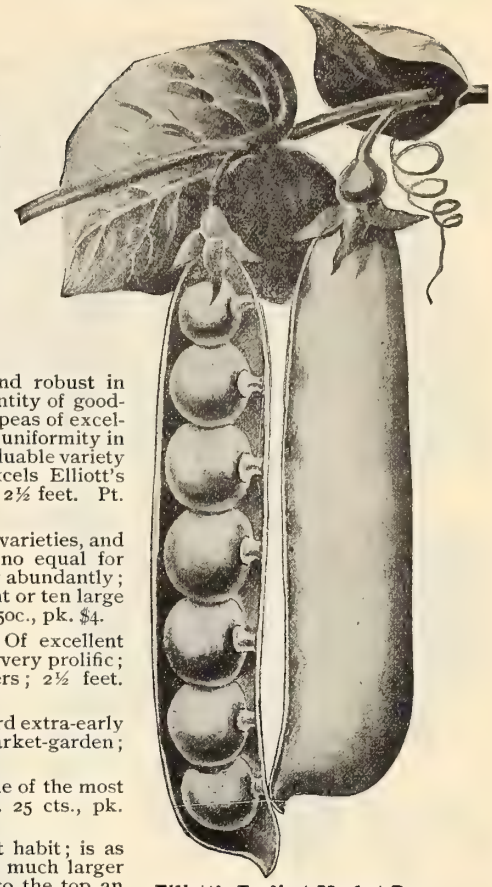
Pois. *Chicharos o Guisantes.* Erbsen.

One quart will plant 100 feet of row; two bushels will plant one acre in rows 3 feet apart.

Peas luxuriate in a free, light, rather rich soil, abounding with vegetable matter. For first-early crop sow in March or April, according as the ground can be worked, and at intervals of two weeks for succession. For private gardens they are generally sown in single or double rows 2 inches deep and from 3 to 4 feet apart, according to the height of the variety and strength of the soil. Those growing over 2½ feet in height should be supported with brush. After the end of May sowing should be discontinued until beginning of August, when a profitable crop may be secured by planting the extra-early varieties.

Market-gardeners will be supplied by the bushel at low rates. Large consumers will please write for prices.

If to be forwarded by mail, add 15 cents per quart for postage.



Elliott's Earliest Market Pea.

EXTRA-EARLY PEAS.

Elliott's Earliest Market. The best extra-early Pea in cultivation. Very uniform and robust in growth, and produces an abundant quantity of good-sized pods well filled with round, smooth peas of excellent flavor. The extreme earliness and uniformity in ripening the crop renders this the most valuable variety for market-gardeners, and no variety excels Elliott's Earliest Market for the private garden; 2½ feet. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $6.

Gradus. Far superior to all smooth varieties, and can truthfully be described as having no equal for delicious flavor; vines vigorous and bear abundantly; long, well-developed pods containing eight or ten large peas; 2½ feet. Pkt. 10 cts., pt. 25c., qt. 50c., pk. $4.

Alaska (Laxton's Earliest of All). Of excellent quality; earliest of all the blue sorts and very prolific; desirable early Pea for market-gardeners; 2½ feet. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $6.

Improved Early Dexter. A standard extra-early variety recommended for private or market-garden; 2½ feet. Qt. 25 cts., pk. $1.50, bus. $5.

Improved Daniel O'Rourke. One of the most popular market varieties; 2½ feet. Qt. 25 cts., pk. $1.50, bus. $5.

Chelsea. This variety is of compact habit; is as early as American Wonder and gives a much larger crop, bearing in pairs from the bottom to the top an abundance of handsome pods, which are half as long again as those of any other first-early dwarf; 1 foot. Pt. 20 cts., qt. 35 cts., pk. $1.50, bus. $5.

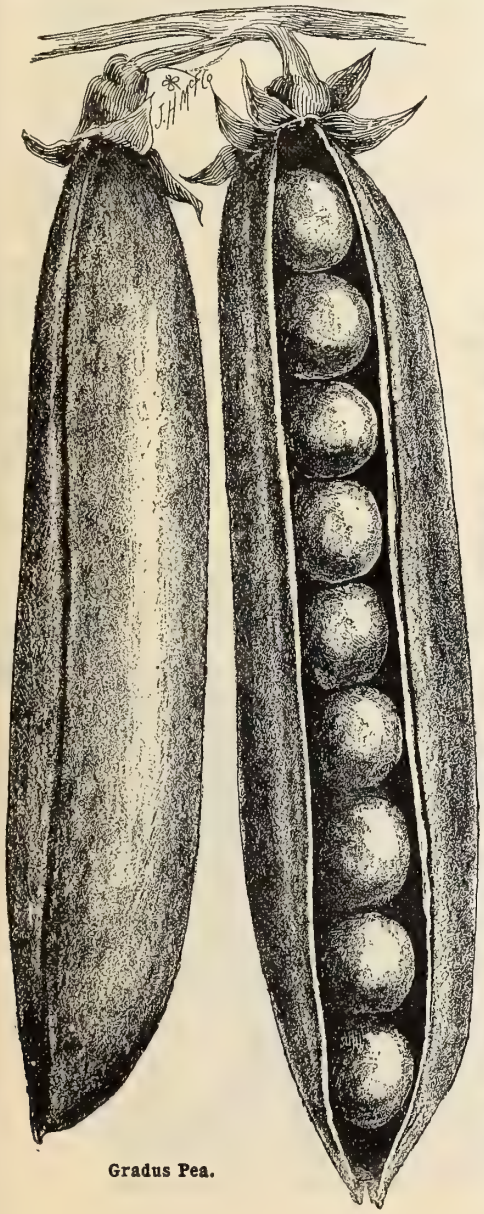
Laxton's Alpha. A very early wrinkled marrow of superior quality; 3 feet. Pt. 15 cts., qt. 25 cts., pk. $1.50, bus. $5.

American Wonder. One of the best and most desirable varieties grown. Being a cross between Champion of England and Little Gem is sufficient guarantee of its superior qualities; 1 foot. Pt. 20 cts., qt. 35 cts., pk. $2.50.

Extra-Early Premium Gem. A very fine dwarf Pea of the Little Gem type, on which it is a great improvement; 1¼ feet. Pt. 20 cts., qt. 35 cts., pk. $2.50.

McLean's Little Gem. One of the best dwarf wrinkled marrows grown; very productive and of fine flavor; 1 foot. Pt. 20 cts., qt. 35 cts., pk. $2.50.

Nott's Excelsior. An extra-early dwarf, green, wrinkled sort; of superior sweetness and quality; vines are larger and more vigorous than American Wonder, and yield one-quarter more in shelled peas; 1¼ feet. Pt. 20 cts., qt. 35 cts., pk. $2.50.



Gradus Pea.

SECOND-EARLY AND MEDIUM PEAS.

Heroine. The pods are long and exceedingly well filled, often containing eight or ten peas of a rich buttery marrow-like flavor that is excelled by no other variety; 2½ feet. Pt. 20 cts., qt. 30 cts., pk. $2, bus. $6.

McLean's Advancer. The standard market-gardener's variety; for second-early and principal crop; pods long, well filled, of excellent quality; unexcelled for private gardens; 2½ feet. Pt. 15 cts., qt. 25 cts., pk. $1.50, bus. $5.

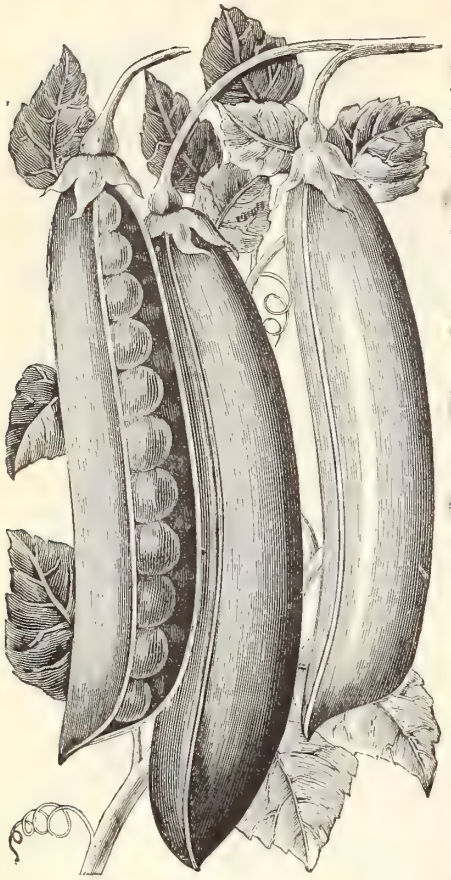
Abundance. Long, round, well-filled pods, containing from six to eight peas of fine quality; 1½ feet. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.50.

Horsford's Market-Garden. Intermediate in season between Little Gem and Advancer; extremely prolific and of superb quality; 2 ft. Pt. 15c., qt. 25c., pk. $1.50, bus. $5.

American Champion. One of the largest of all Peas, enormously productive and of superior quality. The pods are produced in pairs, each containing nine to twelve large peas. Habit tall-branching; sow thinly; 4½ feet. Pt. 20 cts., qt. 30 cts., pk. $2, bus. $7.

Yorkshire Hero. This fine old variety is very popular; as a main-crop Pea it has few equals. Long, round pods closely filled with large, luscious peas; of extra fine quality for table use. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.50.

Shropshire Hero. A most desirable variety, producing long, handsome, well-filled pods in great abundance; the large, richly flavored peas will make it a decided favorite in private gardens; 2½ feet. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.50.



Juno Pea.

MAIN AND LATE CROP PEAS.

Juno. The best wrinkled main-crop Pea in the market to-day. Vines robust in growth; pods stout, straight, and usually borne in pairs, and well filled with delicious, large, sweet, dark green peas of the finest quality; 1½ feet. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $6.

Improved Stratagem. An improved variety, comprising all the good qualities of the old Stratagem highly developed; the pods are of immense size, well filled with dark green peas of the finest quality; a very heavy cropper; 2 feet. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $6.

Champion of England. One of the best known of the older varieties; a tall-growing, green, wrinkled marrow; quality unsurpassed; 5 feet. Qt. 20 cts., pk. $1.50, bus. $5.

Telephone. This remarkable Pea is a week earlier than Champion of England; pods 5 to 7 inches in length, containing from eight to twelve peas of unequaled flavor; 3 feet. Pt. 20 cts., qt. 30 cts., pk. $2, bus. $6.

Bliss' Everbearing. A continuous bearing variety, which gives it especial value for late summer and autumn use; pods 3 to 4 inches long, producing six to eight large peas of a quality unsurpassed; 2 feet. Pt. 15 cts., qt. 25 cts., pk. $1.25, bus. $4.50.

The Queen. A most desirable late variety, maturing after the Heroine; vigorous and branching in habit, requiring to be sown thinly; pods long, slightly curved and well filled with large peas of most delicious flavor; 2½ feet. Pt. 15 cts., qt. 30 cts., pk. $2, bus. $6.

Veitch's Perfection. A large and delicious marrow Pea, and an abundant cropper; 4 feet. Pt. 20 cts., qt. 35 cts. pk. $2, bus. $6.

Dwarf White Marrowfat. An old variety of dwarf habit, and on that account preferably for small gardens; 3 feet. Pt. 10 cts., qt. 20 cts. pk. $1.25, bus. $4.

Black-Eyed Marrowfat. The standard variety for garden or field use; hardy and productive; 4 feet. Pt. 10 cts., qt. 20 cts., pk. $1.25, bus. $4.

Canada Field. For soiling, sow four to five bushels per acre. Qt. 20 cts., pk. 75 cts., bus. $2.50.

EDIBLE-PODDED or SUGAR PEAS.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young and boiled whole.

New Dwarf Wrinkled Sugar. This new dwarf wrinkled variety is far superior to the old round-seeded sorts; pods are large, remarkably tender, and of delicious flavor; without doubt the finest Sugar Pea yet introduced; 2 feet. Pkt. 10 cts., pt. 20 cts., qt. 35 cts.

Dwarf Sugar. A prolific variety of fine quality; tender and sweet; 2½ feet. Pt. 20c., qt. 35 cts., pk. $2.25.

Tall Sugar. Similar to the preceding, but taller; of fine quality; 4 feet. Pt. 20 cts., qt. 35 cts., pk. $2.25.

Ruby King Pepper.

PEPPER.

PIMENT. *Pimiento.* Pfeffer.

One ounce will produce about 2,000 plants.

Sow early in April in a hotbed, in shallow drills 6 inches apart, and transplant to open ground as soon as the weather is warm and settled. Set the plants in mellow soil, in rows 16 inches apart, and the same distance apart in the rows. The seed may also be sown in the open ground, but not until all danger of frost is past.

Large Bell, or **Bull-Nose.** An early variety of mild flavor. Pkt. 5 cts., oz. 25c., ¼lb. 75c.

Sweet Mountain, or **Mammoth.** Of large size; best for mangoes. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Ruby King. A handsome and very productive variety; fruits from 4 to 6 inches long by 3½ to 4 inches broad; when ripe they are bright ruby red; remarkably mild and pleasant. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Celestial. A Chinese variety; useful as well as ornamental plant; sets its fruit early, and continues until frost; bright scarlet fruit when fully grown; makes a plant of striking beauty. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Golden Dawn. Color bright golden yellow; very productive and mild. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Long Red Cayenne. A small long-shaped variety; very pungent; the Cayenne Pepper of commerce. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Chili. Very piquant and prolific. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Sweet Spanish. One of the largest; mild and pleasant; best for salads. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Procopp's Giant. Large size, 8 to 9 inches long; brilliant scarlet color; flesh very thick and moderately hot. Pkt. 10 cts., oz. 30 cts., ¼lb. $1.

Red Cherry. A small, round Pepper of strong flavor; makes a very ornamental plant. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.

Long Red Cayenne Pepper.

POTATOES.

POMME DE TERRE. *Patatas.* Kartoffeln.

Ten bushels cut tubers will plant one acre.

The Potato can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited is a sandy loam. In breaking up good pasture land, the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in, the latter in most cases being preferable. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, and the sets 1 foot apart in the rows, covering about 4 inches deep.

Beauty of Hebron. Slightly flesh-colored skin, with pure white flesh; productive, and of the finest quality; a first-class early variety. Pk. 90 cts., bus. $2.50, bbl. $5.

Early Norther. Several days earlier than Early Rose and equally prolific; resembles that variety in shape, but little longer; the eyes are few and shallow; excellent table variety and very popular. Pk. 90 cts., bus. $2.50, bbl. $5.

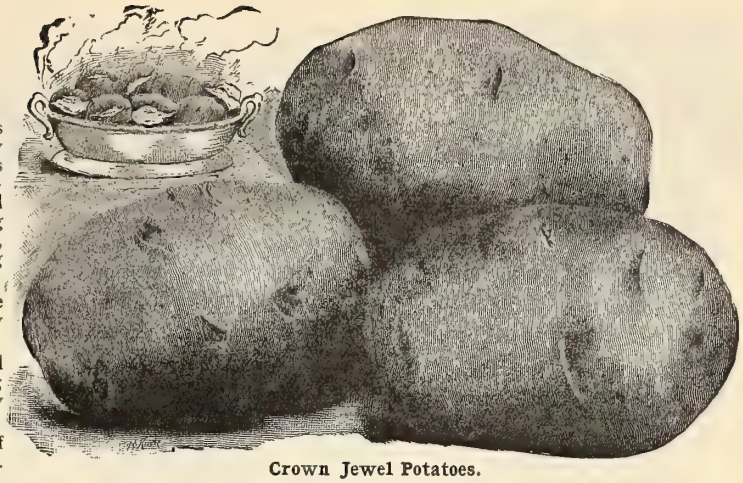
Queen. This variety closely resembles the Early Beauty of Hebron in color, size and shape, but is earlier and a heavier yielder. Pk. 90 cts., bus. $2.50, bbl. $5.

Crown Jewel. The extreme earliness of this variety makes it a most profitable Potato for the market and home garden; the skin is white and smooth, eyes shallow, flesh white and floury, cooking evenly throughout. Pk. 90 cts., bus. $2.50, bbl. $5.

Bovee. For an extra-early this is one of the best; an exceedingly heavy yielder, good keeper and fine quality. Pk. 90c., bus. $2.50, bbl. $5.

Early Rose. One of the leading standard varieties; early, productive and of excellent quality. Pk. 90 cts., bus. $2.50, bbl. $5.

Carman No. 1. This most valuable Potato was introduced in 1894, and is now a recognized high-class standard sort the world over; enormous yielder, handsome and uniformly large; peculiarly white skin and flesh; perfect in quality and very dry. Pkt. 90 cts., bus. $2.50, bbl. $5.



Crown Jewel Potatoes.

Rural New-Yorker No. 2. One of the best known standard sorts. Medium-early; white; oblong, inclined to round, rather flattened; almost every potato marketable; popular main-crop variety. Pk. 90 cts., bus. $2.50, bbl. $5.

Clark's No. 1. Resembles Early Rose, but is more productive and earlier. Pk. 90 cts., bus. $2.50, bbl. $5.

Early Ohio. Very early; seedling of Early Rose. Pk. 90 cts., bus. $2.50, bbl. $5.

White Elephant. Late, large, good quality and very productive. Pk. 90 cts., bus. $2.50, bbl. $5.

White Star. Medium early, and large cropper; a good keeper. Pk. 90 cts., bus. $2.50, bbl. $5.

PUMPKIN.

POTIRON. *Calabaza.* Grosse Kürbis.

One ounce will plant 50 hills.

The common practice is to drop 2 or 3 seeds in every second or third hill in the cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, 4 plants to each hill, and otherwise treated in the same manner as melons or cucumbers.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Calhoun. Medium size, very heavy and solid; productive, and of excellent quality; the outside is cream color; flesh very thick, fine-grained, salmon-yellow. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Large Cheese. A very hardy and productive variety; the best for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Mammoth Tours. This variety grows to an immense size, often weighing 150 pounds. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Nantucket Sugar. The great pie Pumpkin of the eastern states. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Early Sugar. This variety is smaller than the Large Field, but of finer grain, sweeter and very prolific. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Winter Luxury. This is recommended as one of the best pie Pumpkins; an excellent keeper and enormously productive. It is very finely netted, and in color a golden russet. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Connecticut Field. The common variety usually grown for feeding stock. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 25 cts.

Winter Luxury Pumpkin.

RHUBARB.

RHUBARBE. *Ruibarbo.* Rhabarber.

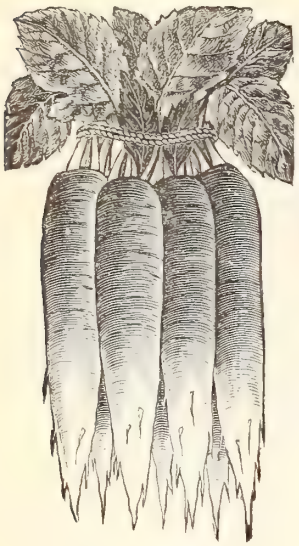
One ounce will produce 1,000 plants.

Sow in April, in drills a foot apart, thinning out to about the same distance apart in rows when a few inches high. The following spring transplant into deep, rich soil, about 3 feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above. The soil cannot be too rich.

Linnæus. Early, large and tender. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Victoria. Very large; later than the Linnæus. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

ROOTS of the above varieties, 10 cts. each, $1 per doz.; by mail, 25 cts. per doz. extra for postage.



Chartier Radishes.

Scarlet Olive-Shaped Radishes.

White-Tipped Scarlet Turnip and White Turnip-Rooted Radishes.

RADISH.

RADIS ET RAVE. *Rabanos y Rabanitos.* Radies und Rettig.

One ounce will sow 100 feet of row.

Radishes, to be crisp and tender, must make a steady, rapid growth; therefore a rich, light, sandy soil is best adapted for their culture. For early spring use, sow in February in hotbed in rows 6 inches apart, and cover lightly; thin to 1 or 2 inches apart in the rows. They should be large enough for use in from four to five weeks from the time of planting. Plant in the open air as soon as the ground can be worked, on finely prepared beds in rows 8 to 10 inches apart; sow for succession every ten days or two weeks as long as wanted. The winter varieties should be planted in July or August, taken up before severe frost, packed in sand for winter use and stored in a cool cellar.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Rapid Forcing. This variety resembles the White-Tipped Scarlet Turnip, but much earlier, maturing in 22 days from time of sowing. The best Radish for forcing and equally desirable for the garden. Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. $1.

Scarlet Globe. An extra-early scarlet forcing variety, short-leaved, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Earliest Erfurt Scarlet Turnip. The earliest variety, valuable alike for forcing or general sowing. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. $1.

Early Scarlet Turnip. A well-known and highly esteemed variety, extensively grown for market. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

White-Tipped Scarlet Turnip. Bright scarlet, fading to pure white at the base; tender, mild flavor and early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Early Deep Scarlet Turnip. A new variety, perfect in shape; skin dark red; flesh white, with very small tap root. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 75 cts.

Early White Turnip-Rooted. Another sort for early use; round in form, and of clear, white color. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Scarlet Olive-Shaped. Oval-shaped, tender and excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

French Breakfast. Scarlet, with white tip; shape nearly oval; good for forcing or summer sowing. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Early Short-Top Long Scarlet. One of the standard sorts for market and private gardens. Tender and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Chartier. A very attractive sort; color bright salmon-scarlet, shading to white; very crisp, tender and mild. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Large White Summer Turnip. A very large turnip-shaped variety; white, very crisp and mild. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

Large Yellow Summer Turnip. Like the above, except in color. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Chinese Rose Winter (Scarlet China). One of the very best for fall and winter use, and popular with market-gardeners; bright rose color; flesh white and firm, of superior quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Large White Spanish Winter. A well-known and popular sort; flesh solid and milder in flavor than the black sorts. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Round Black Spanish Winter. This is a large black-skinned Radish, much relished by the Germans; flesh white and firm, and of a peculiarly rich, delicious flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Long Black Spanish Winter. Like the above, but roots are longer and perhaps slightly milder in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

California Mammoth White Winter. Is really a Chinese Radish, grown by the Chinese in California; 8 to 12 inches long, and from 2 to 3 inches in diameter; solid and of good flavor; white in color and exceedingly crisp and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Mammoth Sandwich Island Salsify.

SALSIFY, or VEGETABLE OYSTER.

SALSIFIS. *Salsifis blanco.* Haferwurzel.

One ounce will sow 75 feet of row.

Salsify succeeds best in light, well-enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of 18 inches. Sow early in spring in drills 18 inches apart; cover the seeds with fine soil 1½ inches deep, and when the plants are strong enough, thin out to 6 inches apart. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

Long White. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Mammoth Sandwich Island. A new large-growing variety. Pkt. 10 cts., oz. 20c., ¼lb. 50c., lb. $1.50.

Scorzonera, or Black Salsify. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

SPINACH.

EPINARD. *Espinaca.* Spinat.

One ounce will sow 100 feet of row; 15 pounds is required for one acre.

Spinach is more productive and of better quality if grown in rich soil. The main crop is sown in September for spring use, and although extremely hardy, requires to be occasionally protected by a light covering of hay during winter. For summer use sow from April to August, in drills 12 inches apart, thinning out the plants to 3 inches.

Long-Standing Spinach.

If to be forwarded by mail, add at the rate of 8 cts. per lb. for postage.

Victoria. Of remarkably fine texture and dark green color; heavily crimped, thick, fleshy leaves and deep red stem; particularly valuable for spring sowing. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 40 cts.

Long-Standing. A desirable sort that does not incline to run to seed as much as others. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

Round Thick-Leaved. The variety in most general use; equally good for spring or autumn sowing. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

Viroflay Thick-Leaved. One of the best for either the market or kitchen garden. A quick-growing, round-seeded variety, producing a remarkably thick, dark green, slightly crumpled leaf, suitable for either spring or fall sowing. Pkt. 5 cts., oz. 10c., ¼lb. 15c., lb. 35c.

Bloomsdale Savoy-Leaved. Leaves wrinkled or curled; best for market growers or fall sowing. Pkt. 5c., oz. 10c., ¼lb. 15c., lb. 40c.

Prickly or Fall. An exceedingly hardy variety adapted for fall sowing. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

New Zealand (Tetragonia expansa). Very useful to supply the place of the ordinary Spinach during the hottest months of the year. The seed should be sown in May, and transplanted 2 x 3 feet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

SEA-KALE.

CHOU. *Marm.* Meerkohl.

One ounce will produce about 300 plants.

Sea-Kale is cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow 1 inch deep, in drills 2 feet apart, thin out to 6 inches, and the next spring plant in hills 3 feet apart. Pkt. 10c., oz. 30 cts., ¼lb. $1, lb. $3.

New Zealand Spinach.

SORREL.

OSEILLE. *Acedera.* Sauerampfer.

One ounce will sow 150 feet of drill.

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out young plants to 6 inches.

Large-Leaved French. Pkt. 5 cts., oz. 15c., ¼lb. 40c., lb. $1.25.

SQUASH.

COURGE. *Calabaza.* Speise Kürbiß.

Bush sorts, 1 ounce to 50 hills, 6 pounds per acre; running sorts, 1 ounce to 16 hills, 4 pounds per acre.

Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 8 feet apart.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Early White Bush Scallop. A well-known summer variety grown extensively for shipping; the flesh is tender and delicate. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1

Early Yellow Bush Scallop. Early, flat, deep orange, with smooth rind. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Early Summer Bush Crookneck. The best sort for summer; very early and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60c.

Early Prolific Orange Marrow. Ripens 2 weeks ahead of Boston Marrow, and excels it in productiveness and keeping qualities; handsome orange-red color; medium in size, sweet, with thick, high-colored orange flesh, fine-grained and dry when cooked. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Golden Custard Bush. Exceeds in size any of the scalloped sorts; of a dark, rich golden yellow; quality excellent; wonderfully productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Golden Custard Bush Squash.

Boston Marrow. The earliest of the fall sorts; is ready for use very soon after the summer varieties; rich orange color, good size, excellent flavor, keeps well. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Fordhook. One of the best winter varieties; bright yellow outside, with straw-yellow flesh; dry and sweet; very productive, and a wonderful keeper. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

Hubbard. Well known, and liked for late use; of superior quality; large size; color green, marked with orange; flesh dry, fine-grained, and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

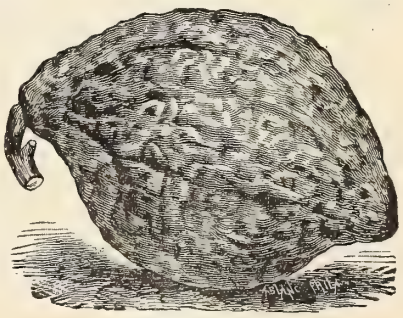
Marblehead. Resembling the Hubbard, but has gray skin; very productive, and a fine keeper; dry, sweet, and of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Large Winter Crookneck. An old and well-known variety; keeps remarkably well. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Mammoth Chili. Grows to an immense size if given high cultivation, sometimes weighing considerably over 100 pounds; valuable for table use or stock-feeding. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Golden Bronze. A desirable new variety; color a dark grayish green; flesh bright golden yellow, fine-grained, very sweet and of delicious flavor. Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.

Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white, of soft, rich flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. $1.25.



Hubbard Squash.

SWISS CHARD, or SPINACH BEET.

Cultivate same as spinach, sowing the seed early in spring in drills 1½ feet apart. When the leaves are allowed to grow they have large, flat, wax-like ribs which, when cooked like asparagus, make a delicious dish. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

SOW SQUASH SEED plentifully in variety and for succession.

Ponderosa Tomato.

TOMATO.

TOMATO. *Tomates.* Liebesapfel.

One ounce will produce 1,500 plants.

Sow in a hotbed about the first week in March in drills 5 inches apart and ½ inch deep. When the plants are about 2 inches high they should be set out 4 or 5 inches apart in another hotbed, or planted in small pots, allowing a single plant to a pot. About the middle of May the plants may be set out in the open ground. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the dwelling house.

Imperial. Very early, smooth, solid; of good size and a long keeper. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Acme. One of the earliest, handsome medium-sized fruit; of a purplish pink color, tinged with purple. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Early Ruby. The earliest large tomato grown; of good form, rich crimson color; one of the leading market sorts. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Perfection. Early, regular and productive; reddish scarlet. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Favorite. Large, smooth, productive and a good shipper. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Beauty. Large, smooth, dark pinkish red; thick flesh; regular form. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Stone. Very large, perfectly smooth; fine bright scarlet. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

Lorillard. Chiefly valuable for forcing under glass, for which it has no superior, setting its fruit freer in midwinter than most other kinds do in July and August. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25.

Ponderosa. The largest variety in cultivation; very solid and meaty; almost free from seeds. Pkt. 10 cts., oz. 40c., ¼lb. $1.25, lb. $4.

Crimson Cushion. Extra large; handsome; bright crimson. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50, lb. $5.

Dwarf Champion. The plant is of dwarf and compact growth, with thick, stiff, short-jointed stems. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Trophy, Selected. One of the best standard varieties; fruit large, smooth, bright red, solid and good flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Mikado. Very large, fairly smooth, solid and fine quality; color purplish-red; foliage distinct. Pkt. 5c., oz. 25 cts., ¼lb. 75c., lb. $2.50.

Golden Queen. A really good yellow sort of first-class quality; large and solid; color a beautiful canary-yellow. Pkt. 5 cts., oz. 30 cts., ¼lb. $1, lb. $3.

Red and **Yellow Pear-Shaped.** Fine for preserving and pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.50.

Yellow Peach. Very handsome in form, and of a beautiful clear yellow color. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Red and **Yellow Cherry.** Small fruits, used for pickles; very handsome. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Strawberry, or Winter Cherry. A distinct species, with small fruit incased in a husk; much prized for preserving. Pkt. 5c., oz. 20c.

TURNIP.

NAVET. *Nabo.* Rübe.

One ounce will sow 150 feet of row; 2 pounds is required for one acre.

Turnips do best in a rich and mellow soil. Commence sowing the early varieties as soon as the ground can be worked in drills from 12 to 18 inches apart and ½ inch deep. When the plants are a few inches in height, and strong enough to resist the attacks of insects, thin out to some 5 or 6 inches apart in the drills. For a succession sow at intervals of two weeks until the end of May for early crop, and from August to September for late. Rutabagas should be sown in June, the rows being about 18 inches apart, and the plants in the rows thinned to not less than 10 inches.

If to be forwarded by mail, add at the rate of 8 cents per pound for postage.

Extra-Early Purple-Top Milan. The earliest variety in cultivation, being two weeks earlier than Purple-Top Strap Leaf; of medium size, quite smooth; flesh white, hard and of finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 85 cts.

Purple-Top Munich. Earliest variety after the Purple-Top Milan. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Purple-Top Flat Strap-Leaf. A popular early variety; excellent for market or private use. Pkt. 5 cts., oz. 10 cts., ¼lb. 15c., lb. 50c.

Purple-Top White Globe. A very handsome globe-shaped variety; valuable for table or stock. Pkt. 5c., oz. 10c., ¼lb. 15c., lb. 50c.

Early White Strap Leaf. As an early variety for family use, few excel this. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Early White Egg. Perfectly smooth and nearly egg-shaped; of rapid growth and fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 15c., lb. 50c.

Early Snowball. Delightfully crisp, tender and sweet; medium size, round and pure white; a good table sort. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Yellow Globe. An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Golden Ball. Solid, sweet, good size and keeps well. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Long White, or Cowhorn. A quick growing, carrot-shaped variety; flesh fine-grained and sweet; an excellent sort for table use. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Yellow Aberdeen. A very hardy and productive variety of excellent quality, good for either table or stock. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

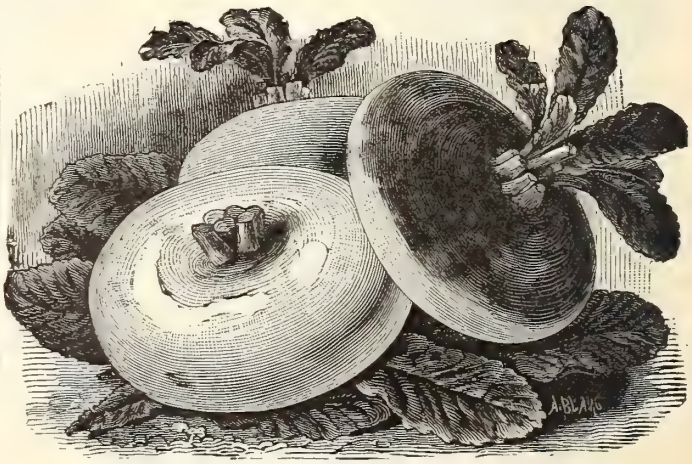
RUTABAGA TURNIPS.

Improved American Purple-Top. Very hardy and productive; flesh yellow, solid and sweet; excellent for stock or table. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Long Island Improved. The finest variety of purple-top Rutabaga grown; is twice the size of ordinary American stocks. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Carter's Imperial Hardy. An English variety; large and heavy cropper; flesh solid and fine-grained; largely grown for stock-feeding. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Long White French. A delicate-flavored variety; an excellent keeper and fine for table. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.



Early White and Purple-Top Flat Strap-Leaf Turnips.

Herbs for Culinary and Medicinal Use.

Herbs should have a place in every garden. Any good housekeeper knows the value of the little patch of herbs upon which she makes daily drafts in the summer, and which furnishes such a nice collection of dried herbs for winter seasoning, while as domestic medicines several kinds are held in high repute. The culture is very simple; the best way is to make a little seed-bed in the early spring, and set the plants out in a bed as soon as large enough. They should be harvested on a dry day, just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

Anise (*Pimpinella anisum*). Biennial. Pkt. 5 cts., oz. 20 cts.
Balm (*Melissa officinalis*). Perennial. Pkt. 5 cts., oz. 20 cts.
Basil, Sweet (*Ocymum basilicum*). Annual. Pkt. 5 cts., oz. 20 cts.
Bene (*Sesamum orientale*). Annual. Pkt. 5 cts., oz. 20 cts.
Borage (*Borago officinalis*). Annual. Pkt. 5 cts., oz. 15 cts.
Caraway (*Carum carai*). Perennial. Pkt. 5 cts., oz. 20 cts.
Catnip (*Nepeta cataria*). Perennial. Pkt. 10 cts., oz. 30 cts.
Coriander (*Coriandrum sativum*). Annual. Pkt. 5 cts., oz. 20 cts.
Dill (*Anethum graveolens*). Biennial. Pkt. 5 cts., oz. 10 cts.
Fennel (*Anethum feniculum*). Perennial. Pkt. 5 cts., oz. 15 cts.
Horehound (*Marubium vulgare*). Perennial. Pkt. 5 cts., oz. 30c.
Hyssop (*Hyssopus officinalis*). Perennial. Pkt. 5 cts., oz. 20 cts.
Lavender (*Lavendula spica*). Perennial. Pkt. 5 cts., oz. 20 cts.
Marjoram, Pot (*Origanum onites*). Perennial. Pkt. 5c., oz. 20c.
Marjoram, Sweet (*Origanum marjorana*). Annual. Pkt. 5 cts., oz. 20 cts.
Pennyroyal (*Hedeoma pulegioides*). Perennial. Pkt. 10 cts., oz. 60 cts.
Rosemary (*Rosmarinus officinalis*). Perennial. Pkt. 5c., oz. 20c.
Rue (*Ruta graveolens*). Perennial. Pkt. 10 cts., oz. 30 cts.
Saffron (*Carthamus tinctorius*). Annual. Pkt. 5 cts., oz. 20 cts.
Sage (*Salvia officinalis*). Annual. Pkt. 5 cts., oz. 20 cts., lb. $2.
Summer Savory (*Satureia hortensis*). Annual. Pkt. 5c., oz. 20c.
Tansy (*Tanacetum vulgaris*). Perennial. Pkt. 5 cts., oz. 20 cts.
Thyme, Broad-Leaved (*Thymus vulgaris*). Perennial. Pkt. 5 cts., oz. 40 cts., lb. $4.
Wormwood (*Artemisia absinthium*). Perennial. Pkt. 5c., oz. 35c.

Miscellaneous Seeds.

TOBACCO.

One ounce will sow 25 feet square, and produce plants for one acre.

Connecticut Seed Leaf. This variety is best adapted to the climate of the northern and middle states. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

Primus. A new variety, and the earliest to ripen; especially adapted to planting far north. Pkt. 10 cts., oz. 40 cts., ¼lb. $4.

Yellow Prior. A favorite variety, largely grown in the west. Pkt. 10 cts., oz. 30 cts., ¼lb. $1, lb. $3.

Sterling. The newest and brightest of the yellow type. Pkt. 10 cts., oz. 20 cts., ¼lb. $1, lb. $3.

Turkish. Stands heat and drought better than all others. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.

Havana. Choice imported seed. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.

AUSTRALIAN SALT BUSH.

(*Atriplex semibaccata.*)

A valuable forage plant for alkali soils and for districts subject to periodic drought. It grows on lands that will produce no other vegetation, providing from 20 to 30 tons of green nutritious food per acre. To facilitate the even distribution of the seed, mix it with sand or ashes to the extent of ten times its weight. One pound is sufficient for an acre, and may be sown broadcast where it is to remain, or may be sown in boxes or garden beds, covering lightly. When 5 inches high pinch off the tops and transplant in rows 7 or 8 feet apart. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.

SAINFOIN, or ESPARSETTE.

A perennial leguminous plant, valuable for growing on barren hillsides. When once established it lasts for a great many years, yielding heavy hay crops of the highest nutritive value. It is sown in the spring, covering the seeds quite deeply, at rate of 80 pounds or 100 pounds to the acre. Lb. 15 cts., 100 lbs. $12.

DWARF ESSEX RAPE.

It is excellent for sheep pasture, and also for soiling. It may be sown in May, and will be ready for pasturing in July and August. It may even be sown after taking off a crop of early potatoes. In drills, sow 5 pounds to acre; broadcast, 10 pounds to acre. Lb. 15 cts., 100 lbs., $9.

LARGE RUSSIAN SUNFLOWER.

The Sunflower is grown to a considerable extent as a profitable field crop, the leaves being used for forage and the seeds as food for poultry and the manufacture of oil; it is also grown to a large extent, and with good results, in low, swampy lands to absorb miasma. This variety produces larger heads and more seeds than the common. Pkt. 5 cts., qt. 25 cts., bus. $2.50.

BIRD SEEDS, ETC.

Prices Variable.

	Lb.	100 lbs.
Canary, best Sicily	$0 10	$7 00
Mixed Canary Seed	10	6 00
Hemp	10	6 00
Lettuce Seed	25	
Maw, Blue Poppy	15	
Millet	10	5 00
Rape, German	10	6 00
Rice, unhulled	10	8 00
Vetches for Pigeons	10	5 50

	Lb.	100 lbs.
Prepared food for Mocking Birds per 1-lb. tin, 35c.		
Gravel for Cages per qt., 6 cts.		
Cuttle-fish Bone	$0 30	
Sunflower Seed for Parrots	10	$6 00

MISCELLANEOUS CEREALS.

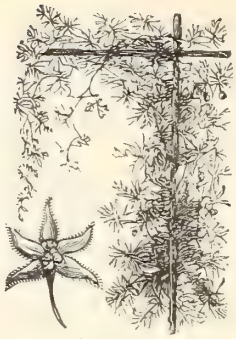
(Subject to Market Changes.)

	Pk.	Bus.
Barley, Champion Vermont. An early and prolific variety	$0 50	$1 50
Buckwheat, American Silver Hull. Earlier and more productive than the common	50	1 50
Buckwheat, Japan. Enormously productive; the grains are much larger than those of any other variety	50	1 50
Oats, Clydesdale. The grandest White Oat in cultivation; very early and productive	50	1 50
Oats, Probsteier. A leading white variety. It is very productive and heavy, and the straw is very strong	50	1 50
Rye, Spring. An excellent catch crop when the fall-sown has been winter-killed	60	2 00

VEGETABLE PLANTS AND ROOTS.

	Doz.	100
Asparagus Roots. (See page 1.)		
Cabbage Plants. Ready in March and April. per 1,000, $7.50		$1 00
Artichoke, French. Extra strong roots each, 35 cts.	$3 50	
Cauliflower Plants. Ready in April per 1,000, $15.00		2 00
☞Late cabbage and cauliflower plants ready in June, at reduced prices.		
Celery Plants. Ready in July. per 1,000, $5.00		75
Chives per clump, 25 cts.	2 50	
Eggplants. Ready May 15. Pot-grown	75	1 00
Horse-Radish Sets. per 1,000, $4.00	15	50
Lettuce Plants. Ready in April or May	15	1 00
Pepper Plants. Ready, May 15.	75	5 00
Rhubarb Roots each, 10 cts.	1 00	
Sweet Potato Plants. Ready about May 1	10	60
Tarragon Roots each. 35 cts.	3 50	
Tomato Plants	30	2 00

Ageratum.



Abobra.

Abutilon.

Abronia.

FLOWER SEEDS.

In this department we catalogue only those varieties and strains which in our long experience we have found of sterling merit. We do not handle seeds of poor or unknown quality, but aim to give our customers stock of known reliability, fresh and true to name.

ALL FLOWER SEEDS ARE DELIVERED FREE TO ANY POST-OFFICE IN THE UNITED STATES OR CANADA.

ABOBRA VIRIDIFLORA.

A beautiful rapid-growing climbing gourd, with finely cut, dark green foliage, and small, oval, bright scarlet fruit. Half-hardy perennial. 10 feet. Pkt. 5 cts.

ABRONIA.

Pretty trailing plants, bearing large clusters of sweet-scented flowers. They are fine for rockwork, hanging baskets, etc., and succeed well in the garden border. Hardy annual.

	Pkt.
Umbellata. Rosy lilac	$0 05
Arenaria. Yellow	05

ABUTILON (Chinese Bell-Flower).

Free-flowering plants with drooping, bell-shaped flowers, some varieties being richly veined and striped. They are of easy culture, and are well adapted to the garden in summer and the house or greenhouse during the winter. Tender perennials. Extra-Fine Mixed, from the finest hybrids. Pkt. 25 cts.

ACACIA.

Graceful plants for greenhouse or conservatory in winter and for garden decoration in summer. Flowers produced in great abundance on long spikes, very fragrant and showy. Fine Mixed. Pkt. 10 cts.

ACANTHUS MOLLIS.

Stately herbaceous plant with striking foliage, flourishing in almost any soil or situation. Hardy perennial. 3 feet. Pkt. 10 cts.

ACHILLEA PTARMICA FLORE PLENO.

Very free-blooming plant, flowering continuously throughout the summer and autumn; useful for cutting. Hardy perennial. Pkt. 10 cts.

ACHIMENES.

Handsome greenhouse plants, producing flowers of great brilliancy. Choice varieties, mixed. Pkt. 50 cts.

ACROCLINIUM.

One of the most beautiful of the everlasting flowers; excellent for winter bouquets, for which purpose they should be cut when they begin to expand, and carefully dried. Annuals. 1 foot.

	Pkt.
Album. Pure white	$0 05
Roseum. Bright rose	05
Single Mixed	05
Double Mixed	10

AGERATUM.

Profuse flowering plants, contrasting well with geraniums, etc.; also useful for pot culture in winter.

	Pkt.
Conspicuum. White; fine for bouquets. 1 foot	$0 05
Lasseauxi. Fine rose color. 1 foot	05
Mexicanum. Blue. 1½ feet	05
" **album.** White. 1½ feet	05
Imperial Dwarf Blue. ¾ foot	05
" " **White.** ¾ foot	05
Little Dorrit. Lovely azure-blue. 6 inches	10
Blue Perfection. The darkest blue of all the large-flowering varieties; compact growth	10

ACONITUM NAPELLUS (Monk's-Hood).

Ornamental free-flowering plants, succeeding well in shady places; blue flowers. Hardy perennial. Pkt. 5 cts.

ADLUMIA CIRRHOSA (Mountain Fringe).

A beautiful climber with feathery foliage resembling the Maidenhair fern; rose-colored flowers. Hardy biennial. 10 feet. Pkt. 5 cts.

ADONIS ÆSTIVALIS (Flos Adonis).

Pretty annual of easy culture; flowers dark crimson, with lighter center. 1 foot. Pkt. 5 cts.

AGROSTEMMA (Rose of Heaven).

Free-flowering hardy annuals of easy culture, producing bright-colored flowers on long, slender stems; fine for cutting. Mixed colors. Pkt. 5 cts.

ARABIS ALPINA.

The earliest and prettiest spring flower. Will thrive in any dry soil, and is particularly adapted to rockeries and broad borders. The spreading tufts are densely clothed with neat, bright green leaves and covered with pure white flowers as soon as the snow disappears. Hardy perennial. 6 inches. Pkt. 10 cts.

ARALIA SIEBOLDI.

A handsome decorative plant with large ornamental, palm-like leaves. Fine for house culture in winter and lawn in summer. New seed ready in April. Pkt. 10 cts.

ARMERIA MARITIMA (Thrift, Sea Pink).

Pretty edging plant, bearing tufts of rosy pink flowers. Hardy perennial. Pkt. 10 cts.

ALYSSUM.

The Sweet Alyssum has pretty little white flowers, useful in making up in all kinds of bouquets, and its fragrance, while sufficiently pronounced, is very delicate. The Alyssum grows freely from seed, either under glass or in the open ground.

Pkt.

Cloak of Ermine. The most dwarf of all varieties; excellent for beds, borders or pots. 2 to 3 inches $0 10
Little Gem. Distinct, fragrant variety. 4 inches 05
Sweet. Hardy annual. 1 ft. . . oz. 40c. . 05

Pkt.

Benthami compactum. This variety grows about 6 inches high, and is thickly studded with pure white flower spikes . $0 05
Saxatile compactum. Rock or Golden Alyssum. Showy yellow. Hardy perennial. 9 inches 05

AMARANTHUS.

These plants are strong-growing and highly ornamental. *A. salicifolius*, *A. Henderi* and Princess of Wales form splendid pot-plants, and are also very effective for centers of beds and backgrounds of borders. *A. Melancholicus ruber* is a very excellent bedding plant, contrasting well with Golden Feather, *Cineraria maritima*, etc. Sow the seed in a hotbed in April, and set out the latter part of May. Annuals.

Pkt.

Bicolor ruber. Scarlet and orange foliage. 2 feet $0 05
Caudatus (Love-Lies-Bleeding). Crimson. 3 feet 05
Cruentus (Prince's Feather). Scarlet. 3 feet 05
Henderi. Very brilliant foliage; splendid. 3 feet 05
Marguerite. Flowers rich purple 10
Melancholicus ruber. Dark crimson foliage 05
Princess of Wales. Carmine, orange-green and bright yellow . . . 05
Salicifolius (Fountain Plant). Scarlet and purple; one of the handsomest. 3 feet 05
Tricolor (Joseph's Coat). Red, yellow and green foliage . oz. 40 cts. . 05

Aquilegia.

AMMOBIUM ALATUM.

A showy border annual with white flowers; much used for dried bouquets. Succeeds well in any soil. Pkt. 5 cts.

AMPELOPSIS VEITCHII.

(Japan or Boston Ivy.)

A hardy perennial climber with glossy green leaves which change to scarlet in the autumn. The most valuable climber for covering walls. Pkt. 10 cts.

ANTHEMIS ARABICA.

A pretty free-flowering annual; flowers golden yellow; constantly in flower. Pkt. 5 c.

Amaranthus.

Alyssum.

ANEMONE CORONARIA.

(Wind-Flower.)

Garden Anemone. Beautiful hardy perennial, easily grown from seed, flowering early in spring; fine for bouquets. Mixed colors. 1 foot. Pkt. 5 cts.

ANGELONIA GRANDIFLORA.

A handsome plant for greenhouse culture in winter or the open border in summer, having long spikes of cup-shaped, very sweet-scented flowers. It blossoms the first season. Violet, spotted white. 1½ feet. Pkt. 25 cts.

AQUILEGIA (Columbine).

This pretty and interestingly varied genus of plants scarcely meets with the amount of consideration it deserves. When fully established the Aquilegias will stand frost well, and the earliness and abundance of their blooms ought to render them general favorites. Many of the varieties are extremely beautiful. Hardy perennials.

Pkt.

Californica Hybrida. Large pale yellow flowers, dark orange spurs $0 15
Chrysantha. Golden yellow; fine 10
Cœrulea Hybrida. One of the most beautiful species 15
Glandulosa Vera. Very large, erect, dark blue flowers, tipped with white; beautiful 15
Skinneri. Scarlet, tipped with yellow; very handsome species 10
Vulgaris fl. pl. Fine double varieties, mixed . . . 05

Antirrhinum.

ANTIRRHINUM (Snapdragon).

Old garden favorites, with odd-shaped flowers of brilliant colorings and very prettily spotted throats. Of easiest culture, blooming the first season from seed and thriving in any soil. The tall sorts are most desirable for cut-flowers, while the dwarf make the best plants for edgings or pots.

MAJUS, TALL SORTS.

Pkt.

Album. Pure white $0 05
Albo-roseum. White, with rose lip . . . 05
Brilliant. Scarlet, gold and white . . . 05
Firefly. Scarlet, white throat 05
Lilacinum. Lilac 05
Nigrescens. Dark purple 05
Striatum. Fine-striped varieties 05
Mixed. All varieties 05

Collection of one packet each of above seven sorts, 25 cents.

TOM THUMB, DWARF SORTS.

Pkt.

Album. Pure white $0 05
Album rubro striatum. White, striped rose 05
Brilliant. Scarlet, gold and white . . . 05
Firefly. Scarlet, white throat 05
Kermesinum. Brilliant crimson 05
Luteum. Yellow 05
Striatum. Finest striped varieties . . . 05
Mixed. All varieties 05

One packet each of above seven sorts, 25 cts.

ASTERS.

There is no flower more popular than the Aster, and upon the general beauty of these annual flowers it is unnecessary to enlarge. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers. Sow in shallow boxes in greenhouse, hot-bed or light windows; cover seeds to a depth of about four times their size, press down with a board, water with a fine spray, and do not allow to dry out. Transplant when three or four leaves are developed, and plant out when danger of frost is over. May also be sown in open ground when danger of frost is past.

Comet Aster.

COMET ASTERS.

The flowers of this attractive variety, with their long twisted and curled petals, resemble somewhat those of a Japanese Chrysanthemum. 1½ feet.

	Pkt.		Pkt.
Pure White	$0 10	**Pink Bordered White**	$0 10
Peach Blossom	10	**Light Blue**	10
Dark Rose	10	**Dark Blue**	10
Carmine	10	**Mixed Colors**	10

PERFECTION ASTERS.

(Truffaut's Improved Pæony-Flowered.)

Blossoms very large, well shaped, almost perfectly round, with flat, beautifully incurved petals. 1½ feet.

	Pkt.		Pkt.
Pure White	$0 10	**Rose**	$0 10
Glowing Crimson	10	**Purple**	10
Light Blue	10	**Carmine, edged White**	10
Light Blue, edged White	10	**Mixed Colors**	10

VICTORIA ASTERS.

Taking into consideration size, color and profusion of bloom, these are probably the handsomest of all the Asters, and cannot fail to give satisfaction, whether grown in beds, pots or for cutting. 1½ feet.

	Pkt.		Pkt.
White	$0 10	**Peach-Blossom Pink**	$0 10
Scarlet	10	**Light Blue**	10
Purple	10	**Mixed Colors**	10
White, tinted Rose	10		
Crimson	10		

Victoria Aster.

LATE-FLOWERING BRANCHING ASTERS.

These are, without a doubt, the finest of late-flowering varieties. The flowers are large, very double, and borne on long stems; fine for cutting. 2 feet.

	Pkt.
White	$0 10
Lavender	10
Shell-Pink	10
Crimson	10
Purple	10
Mixed	10

QUEEN OF THE MARKET ASTERS.

The earliest Aster of all to bloom; branching habit; excellent for cutting, and very free flowering. 1 foot.

	Pkt.		Pkt.		Pkt.
Pure White	$0 10	**Crimson**	$0 10	**Dark Blue**	$0 10
Rose	10	**Light Blue**	10	**Mixed Colors**	10

Triumph Aster.

DWARF CHRYSANTHEMUM-FLOWERED ASTERS.

Large double flowers. Very free-blooming; fine for pot culture. ¾ foot.

	Pkt.		Pkt.		Pkt.
Pure White	$0 10	**Peach-Blossom Pink**	$0 10	**Light Blue**	$0 10
Fiery Scarlet	10			**Mixed Colors**	10

BETTERIDGE'S QUILLED. Finest mixed; perfectly double, quilled flowers. 1½ feet . . . $0 05

CHINA. A splendid mixture . . . per oz., 75 cts. . 05

CROWN, or COCARDEAU. Very attractive, the center of the flowers being pure white, bordered with various bright colors. Finest mixed . . . 10

GERMAN and FRENCH. Finest double mixed; from the best imported varieties . . . per oz., $1 . 10

GIANT EMPEROR. Flowers of large size, very double, fine brilliant colors, robust growth. Mixed colors . . . 10

LILLIPUT. Pure white. Small flowers in great abundance; fine for cutting . . 15

MIGNON. A splendid semi-dwarf variety, resembling the Victoria type, but flowering more freely.
- **Pure White** . . . 15
- **Mixed Colors** . . . 15

SNOWBALL, or WHITE PRINCESS. Beautiful new variety, entirely distinct. The flowers are pure white and closely resemble Lilliput Dahlias . . . 15

TRIUMPH. The prettiest and most perfectly formed of all Dwarf Asters.
- **Scarlet** . . . 10
- **Scarlet, edged White** . . . 10

WASHINGTON. Extra large flowers of great beauty; very double. Finest mixed . . . 10

IMPORTED COLLECTION OF ASTERS.

Victoria. 12 separate colors . . . $0 85
Truffaut's Pæony Perfection. 12 separate colors . 75
Comet. 8 separate colors . . . 60
Washington. 6 separate colors . . . 50
Betteridge's Quilled. 12 separate colors . . . 50
Dwarf Chrysanthemum-Fl'd. 12 separate colors . 75
Crown, or Cocardeau. 6 separate colors . . . 40

Elliott's Mammoth Verbenas cannot be beaten for size and brilliancy of flowers.

Begonia Vernon.

BALSAM (Lady's Slipper).

An old garden favorite; producing masses of beautiful, brilliant colored flowers. Of very easy culture, but succeed best in a rich soil.

	Pkt.
Elliott's Double White Perfection. Perfect form, large blossoms of great substance	$0 10
Solferino. Satiny white, streaked and spotted with crimson and lilac	10

IMPROVED DOUBLE ROSE-FLOWERED BALSAMS.

Large-flowering, perfect form; an excellent strain.

	Pkt.
White	$0 05
Pale Yellow	05
Flesh Color	05
Rose	05
Scarlet	05
Crimson	$0 05
Lilac	05
Violet	05
Extra Choice Double Mixed from choicest varieties . . . . per oz., $1.50	10
Fine Double Mixed . . per oz., 50 cts.	05

Imported collections of twelve separate colors, $1; six separate colors, 50 cts.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe.)

Rapid-growing, hardy perennial climber, with large green leaves, making a dense shade. Flowers are very curiously shaped. Pkt. 10 cts.

ARNEBIA CORNUTA.

A charming annual with exceedingly beautiful flowers of a rich yellow color, marked with five black spots. These spots change on the second day to a deep maroon, and disappear on the third day, leaving the flower a pure yellow. Pkt. 10 cts.

AURICULA (Primula auricula).

A well-known favorite of great beauty. Half-hardy perennial. Finest Mixed, saved from choicest varieties. Pkt. 25 cts.

ASPARAGUS.

Broussoneti. One of the finest hardy perennial climbers; feathery foliage and bright red berries. 10 feet. Pkt. 10 cts.

Plumosus nanus. A graceful greenhouse climber, having feathery, lace-like foliage finer than the most delicate fern. Makes a fine house plant. Pkt. 25 cts.

Sprengeri. A most desirable variety, invaluable for hanging baskets. The fronds frequently grow 4 feet long, and are covered with leaves of a rich shade of green. Pkt. 10 cts.

Double Balsam.

BEGONIA.

Tuberous-Rooted.

A magnificent class of plants for the window garden, and equally as serviceable for bedding. They are covered all summer with bright flowers of immense size and a great variety of color.

	Pkt.
Laing's Gold Medal Hybrid. These tuberous-rooted Begonias have attained a world-wide reputation. Seed of this unrivaled collection procured direct.	
Single, choicest mixed	$0 50
Double, choicest mixed	75
Double Mixed. Saved from the very finest hybrids	25
Single Mixed. From finest single varieties	15

Fibrous-Rooted.

Vernon. This variety is of unusual value as a bedding plant, as it will stand our hot summer sun. It is easily raised from seed, and if started in spring will produce flowering plants early in the summer, which will be covered with orange-carmine flowers until killed by frost. Also a most satisfactory house plant, being literally a mass of bloom the entire winter. Pkt. 10 cts.

Rex. Handsome ornamental-leaved varieties. Extra choice mixed. Pkt. 25 cts.

ASPERULA.

Profuse blooming hardy plants, thriving best among shrubbery or any partially shady places.

Azurea Setosa. Light blue. Annual. Pkt. 5 cts.

Odorata (Sweet Woodruff). White. Very fragrant. Perennial. Pkt. 5 cts.

BALLOON VINE.

Rapid-growing annual climber, succeeding best in a warm situation. Small, white flowers, followed by inflated seed vessels, which look like miniature balloons. Pkt. 5 cts.

BELLIS (Double Daisy).

Charming little plants, admirably adapted for borders and edgings. Sow early in the house, and when large enough transplant to a partially shaded situation.

	Pkt.
Alba fl. pl. Pure white	$0 10
Rubra fl. pl. Red	10
Snowball. Large flowering, pure white	15
Longfellow. Large-flowering, dark rose	$0 15
Finest Mixed	10

Double Daisy.

BARTONIA AUREA.

A showy garden annual, with bright golden yellow flowers borne in profusion all summer. Pkt. 5 cts.

Brachycome.

BIDENS ATROSANGUINEA.

Showy annual, with flowers of a dark blood-red color; fine for cutting. Pkt. 5 cts.

BOCCONIA JAPONICA.

Stately evergreen shrub, with ornamental foliage; very effective for single specimens or groups on lawns; long spikes of creamy white flowers. Pkt. 5 cts.

BRACHYCOME.

(Swan River Daisy.)

Very pretty low-growing annuals, suitable for edgings or pot culture; blooms profusely throughout the summer.

	Pkt.
Iberidifolia, White	$0 05
Iberidifolia, Blue	05
" **Mixed**	05

BRYONOPSIS ERYTHROCARPA.

An ornamental annual climber, with ivy-like foliage and showy green fruits which change, when ripe, to bright scarlet marbled with white. 10 feet. Pkt. 5 cts.

BROWALLIA.

Free-flowering plants, thriving well in any rich soil, and covered with beautiful flowers during the summer and autumn. Half-hardy annual. 1½ feet.

	Pkt.
Czerwiakowski. Deep blue; very fine variety	$0 10
Elata grandiflora. Sky-blue	05

CACALIA (Tassel Flower).

Fine border annual; flowers tassel-shaped; excellent for cutting. 1½ feet. Mixed colors. Pkt. 5 cts.

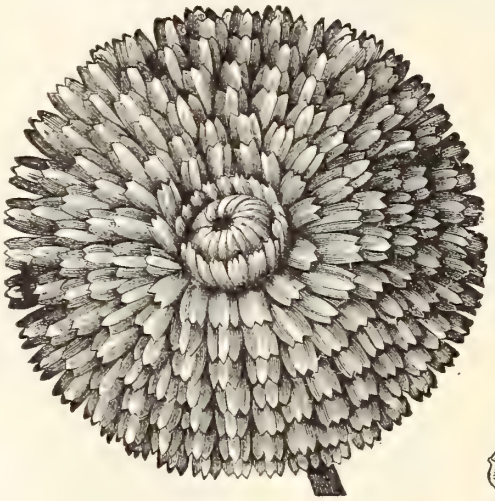
CALAMPELIS SCABRA.

(Eccremocarpus.)

A rapid-growing climber, attaining a height of 10 feet in a season, and bearing clusters of orange-colored, tubular flowers. Pkt. 10c.

CALANDRINIA.

Very beautiful, low-growing plants, well adapted for rockwork or any dry, sunny situation. Hardy annual. 1½ feet. Fine mixed. Pkt. 5 cts.



Calendula.

CALCEOLARIA.

Splendid and universally admired plants for the greenhouse and conservatory, producing a mass of large, pocket-like flowers in the early spring. When well grown they are quite showy and satisfactory.

	Pkt.
Hybrida grandiflora. Large flowers; seed saved from finest specimens	$0 25
Hybrida grandiflora pumila tigrina. Of dwarf, robust growth, producing large trusses of tigered and spotted flowers	25
Hybrida grandiflora (Williams' Superb Strain). Enormous flowers of exquisite and varied colors	$0 75
Rugosa. Shrubby. Saved from the best bedding varieties only. Finest mixed	50

CAMPANULA (Bell Flower).

Beautiful and well-known herbaceous plants, producing large, bell-shaped flowers in great profusion. Succeed best in a light, rich soil.

	Pkt.
Carpatica. Blue and white mixed. 1½ feet	$0 05
Pyramidalis. A fine variety of elegant pyramidal form. Mixed blue and white	05

Canterbury Bells.

When planted in quantity for outdoor effects these are glorious.

	Pkt.
Single Mixed. Beautiful bell-shaped flowers	$0 05
Double Mixed. Finest varieties	05
Calycanthema (Cup and Saucer). The handsomest of all the Campanulas, bearing very freely blue and white flowers resembling a cup and saucer. Mixed	10

CALENDULA (Pot Marigold).

Well-known hardy annuals, growing well in any good garden soil, flowering very freely, and continuing in bloom until killed by frost; very valuable for pot culture.

	Pkt.
Meteor. Double yellow, striped with orange	$0 05
Prince of Orange. Resembles Meteor, but much darker	05
Double Sulphur. Large double light lemon-yellow flowers	05
Pongei fl. pl. Double white	05

CALLIOPSIS.

Very handsome and showy plants of the easiest culture; require no care and thrive in any garden. Produce flowers in nearly every shade of yellow, orange, crimson, red and brown.

	Pkt.
Coronata. Showy large yellow flowers	$0 05
Golden Wave. Bushy and compact, covered with hundreds of beautiful golden blossoms with small brown centers	$0 05
Elliott's New Double. Charming double variety	05
Fine Mixed Varieties . . . oz., 50 cts.	05

Calliopsis.

☞ See also Coreopsis, page 29.

CALLIRHOË.

A very pretty genus of plants. They flower very freely, and continue in bloom all the summer.

	Pkt.
Pedata. Rich violet-purple, white eye	$0 05
Involucrata. A trailing variety, with large rich crimson flowers	05

CANARY BIRD VINE.

A rapid and luxuriant climbing annual, with charming yellow flowers resembling a bird with its wings half expanded. The flowers are always attractive. Pkt. 5 cts.

Canterbury Bells.

CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annuals. 1 foot.

Pkt.

Empress. Distinct candelabra-shaped branches, bearing immense pyramids of pure white bloom $0 10
New Carmine. Distinct and beautiful . 05
Improved White Rocket. Fine for florists . . . . . oz. 30 cts. . 05
Crimson. Very beautiful . oz. 30 cts. . 05
Purple. Fine dark . . . . oz. 30 cts. . 05
Fragrant. White . . . . oz. 30 cts. . $0 05
Fine Mixed . . . . . oz. 25 cts. . 05
New Hybrid Dwarf. Fine mixed . . 10
Tom Thumb. White; forms a dwarf, compact cluster of clear white flowers . 10
Hardy Perennial (*Iberis sempervirens*). Pure white 10

CANNA (Indian Shot).

Fine foliage plants of a highly decorative character; their handsome leaves and richly colored flowers have an extremely fine effect. They are easily raised from seed, which should be soaked for about twelve hours in hot water before planting.

Pkt.

Crozy's New Hybrids. Seed saved from the finest varieties of recent introduction. They are dwarf in habit, and remarkable for size and brilliancy of their flowers . . . $0 05
Fine Mixed . . . . . oz. 25 cts. . 05
Dark-Leaved Varieties Mixed . . . . . oz. 50 cts. . 10
Collection of 12 varieties **$0 75**
Collection of 6 Dark-Leaved varieties **50**

CARNATION.

A magnificent class of popular favorites, deliciously fragrant and of a great variety of color. The seed we offer is from the finest collection in Europe.

Pkt.

Choice Mixed. Saved from choicest double flowers; very select. 1½ feet $0 50
Fine Double German. From named flowers . . . 25
Good Mixed. For border culture 10
Early Dwarf Vienna. The best garden sort, producing a large per cent of double, sweet-scented flowers of a great variety of color. With light protection will withstand our winters and bloom early . 10
Perpetual, or Tree. Saved from finest double flowers 25
Picotee. Edges of petals bordered with various colors. Choice mixed 25
Double Grenadin. A splendid variety for florists; very early, charming, brilliant scarlet flowers. Exceedingly valuable for making bouquets 15

Collection of twelve beautiful varieties, $1.

Marguerite. This race of Carnations has become very popular on account of their rapid development, blooming in four months from seed, continuing in profusion until checked by frost, or may be potted for winter blooming. Flowers very double and in great variety of colors. Finest mixture of best colors 10

Candytuft.

Carnation.

Centaurea cyanus.

CENTAUREA.

The Centaureas form a large family, some varieties being magnificent foliage plants, while others are noted for the beauty of their flowers.

Pkt.

Americana. Strong, robust growth, about 3 feet in height; flowers lilac-purple $0 10
Cyanus (Cornflower, Bachelor's Button, Ragged Sailor and Bluet)—
Emperor William. Dark blue 05
Rose 05
White 05
Mixed 05
Double. Large double flowers of exquisite shades of color 10
Cyanus Victoria. A miniature Cornflower, growing only 8 inches high; fine for pots and edgings. Mixed colors 10
Margueritæ. Superb new variety, with large, snow-white, sweet-scented flowers; excellent for cutting 10

White-Leaved Varieties.

Gymnocarpa. Silver-gray foliage; drooping habit, very graceful . . . . . oz. $1 . 10
Candidissima. Fine ornamental plant of great beauty; silvery white, deeply cut foliage 10
Clementei. Foliage white, deeply cut, and altogether very beautiful 10

CASTILLEIA INDIVISA.

A very ornamental plant, with brilliant deep scarlet bracts. It presents a magnificent appearance, and is one of the most effective of recent introductions. Half-hardy annual. 1½ feet. Pkt. 25 cts.

CASTOR OIL BEAN. See Ricinus.

CELOSIA.

Very singular, ornamental and showy plants, producing magnificent spikes of feathery looking flowers. They succeed well in the garden and make very attractive pot-plants. Graceful and beautiful half-hardy annuals.

Pkt.

Argentea. Long spikes of silvery white, shaded with flesh color; splendid $0 10
Aurea pyramidalis. Bright golden spikes in pyramidal form; exceedingly beautiful 10
Crimson-Feathered. Crimson spikes; beautiful 10
Pyramidalis plumosa. Beautiful long plumes, pyramidal in form; of red, yellow, violet, etc.; very striking 10
Huttoni. Bushy habit, pyramidal form, profusely branched, each branch being tipped with a small spike of bright crimson flowers 10

CELOSIA cristata. See Cockscomb.

CHAMÆPEUCE CASABONÆ (Fish-Bone Thistle).

Hardy biennial; green foliage and small spines. Pkt. 10 cts.

CERASTIUM.

Dwarf-growing, white foliage plants, well adapted for edgings or for mixing with plants with dark foliage. Pkt.

Biebersteini. Silvery foliage. ½ foot $0 10
Tomentosum. Very pretty; white leaves, small white flowers . . 25

CHRYSANTHEMUM.

Showy garden favorites, extensively grown for cut-flowers, producing an abundance of richly colored blossoms. They are easily grown and make fine pot-plants.

Single Varieties.

Segetum grandiflorum. The Golden Marguerite. Large, bright yellow flowers . . . . . Pkt. $0 10
Multicaule. New dwarf bedding variety 3 to 4 inches high; golden yellow flowers . . . . Pkt. $0 15
Lord Beaconsfield. Crimson-maroon, edged and striped gold, brown eye, ringed yellow . . . . Pkt. $0 10
The Sultan. Crimson, maroon center; a wide gold ring. 10
W. E. Gladstone. Pure, brilliant, rich crimson . . . 10
Tricolor. White, with yellow band; very pretty. 1 ft. . 05
Burridgeanum White center, crimson band; beautiful. 1 ft. 05
Eclipse. Pure golden, with a bright purplish scarlet ring and dark brown disk; very striking . . . Pkt. $0 10
Venustum. Crimson center, white band; lovely . 05
Mixed Single Annual Varieties . . . oz. 50 cts. . 05

Double Chrysanthemum, Coronarium.

Double Varieties.

Coronarium, Double Yellow. Handsome border plant. 2 feet . . . . . Pkt. $0 05
Double White. Very showy. 2 feet 05
Mixed Double Annual Varieties . . . . . oz. 50 cts . 05

Varieties for Pot Culture and Florists' Bouquets.

Indicum fl. pl. Half-hardy perennial; very double. Mixed colors . . . . . Pkt. $0 25
Japonicum fl. pl. Flowers of peculiar form and much beauty, combining numerous shades of color; very interesting. Half-hardy perennial 25
Inodorum plenissimum. Dwarf growing, double, white variety; very free-flowering, and beautiful for pot culture 10
Frutescens grandiflorum. The Marguerite, or Paris Daisy. Immense quantities are grown by French florists, and find a ready sale. It produces freely its white, star-like flowers under the most unfavorable conditions 10
Comtesse de Chambord. Large, yellow flowers 10
Choice Hybrids. Raised from the finest Japanese and Chinese sorts, and produce a choice assortment of rich and varied hues . 50

CLEMATIS (Virgin's Bower).

Rapid-growing climbing plants; fine for verandas, trellises, etc. Pkt.

Flammula. White, sweet-scented $0 05
Jackmanni Hybrids. Saved from a collection of all the richest and best colors 10
Paniculata. A remarkably beautiful variety; flowers are pure white, star-shaped, and deliciously fragrant 10

CINERARIA.

Magnificent plants, their brilliantly colored flowers making them indispensable for the greenhouse, conservatory or window garden. The flowers measure from 2 to 3 inches in diameter, and are of white, blue and crimson shades.

Williams' Extra-Choice Strain. Imported in original packages. Produces extremely fine flowers of diverse colors and magnificent form . . . . . Pkt. $0 75
Grandiflora Kermesina. New; intense, glowing, velvety dark crimson; double petals 50
Fine Mixed. Striking colors. 1½ feet 25
Extra Mixed. From magnificent large-flowered varieties. 1½ ft. 50
Double Flowering. A great acquisition. The flowers are perfectly double, comprising all shades of color peculiar to the Cineraria 50
Maritima candidissima. Extremely handsome, silvery white foliage; very ornamental as a decorative pot-plant, or for bedding purposes 10

CLARKIA PULCHELLA.

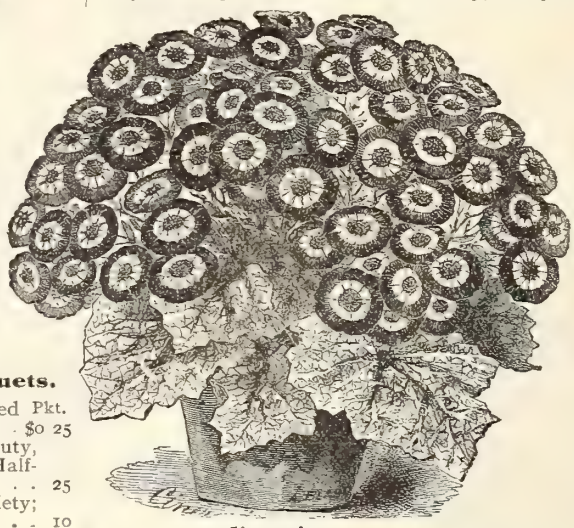
A very desirable annual of easy culture, blooming profusely all summer, and thriving well in any garden soil. Fine mixed. Pkt. 5 cts.

CLEOME PUNGENS (Giant Spider Plant).

Very curious rose-colored flowers, the stamens of which look like spider legs. Thrives best in a sandy soil. Pkt. 10 cts.

CLIANTHUS DAMPIERI (Australian Glory Pea).

One of the handsomest plants in cultivation; grows about 3 feet in height, with neat, compound leaves and drooping clusters of large, rich scarlet, pea-shaped flowers 3 inches in length; similar to the splendid blossoms of the coral tree, each flower being picturesquely marked with a large black blotch in the center. To grow this splendid plant successfully in the open air it should have a dry, sunny exposure. Pkt. 10c.



Cineraria.

COBÆA.

An elegant climber of rapid growth, attaining a height of 20 to 30 feet. Very valuable for covering trellises, arbors, etc. In sowing, always place seeds edgewise.

Scandens. Purple. Large, bell-shaped flowers . . . . . Pkt. $0 10
Scandens alba. Pure white . . 10
Macrostemma. San Salvador Cobæa. The foliage is a bright vivid green, the flowers strikingly effective, with their long stamens. It is a perennial when used as a greenhouse climber, but may be used as an annual for garden decoration 15

COLEUS.

Splendid bedding plants remarkable for their richly colored foliage. Easily grown from seed, which frequently produces new and distinct varieties. Very useful for decorative purposes. Choicest mixture, seed saved from the most attractive and finest colored hybrids. Pkt. 25 cts.

COLLINSIA.

An exceedingly pretty free-flowering annual, excellent for massing and mixed borders. Seed sown in autumn will produce flowers early in spring. Finest varieties mixed. Pkt. 5 cts.

COCKSCOMB (Celosia cristata).

Highly ornamental plants, producing crested heads of flowers somewhat resembling a cockscomb. To produce fine combs the soil cannot be too rich, and the plants should be forwarded in hotbed, though showy plants may be raised from seed planted in open ground in May. The oftener they are transplanted or shifted the larger and more beautiful they grow.

	Pkt.
Dwarf Mixed	$0 05
Glasgow Prize. An improved variety, producing large blooms of dark crimson	05
Empress. This variety produces combs of colossal proportions; have been grown measuring 45 inches from tip to tip; rich, velvety crimson	10
Japanese (*Celosia Japonica*). A branching variety of great beauty	05

Collection of six separate sorts, 25 cents.

Cockscomb, Glasgow Prize.

COSMOS.

Makes very large plants, growing 5 to 7 feet high, which are beautiful masses of the most elegant foliage, until they begin to bloom in September, when each plant will have hundreds of large, showy blossoms. Both foliage and flowers are excellent for cutting. Sow seed early in spring and transplant to the garden in June.

Mammoth Perfection. The flowers are double the size of *C. hybridus*, the petals are broader, overlapping and deeply ribbed. For cutting it is one of the finest flowers grown, lasting in water two weeks. The plants are 5 to 6 feet high, pyramidal form, and one mass of feathery emerald-green foliage, studded with mammoth flowers of white, pink or crimson, long after more tender flowers have been destroyed by frost.

	Pkt.
Pure White	$0 10
Light Pink	10
Crimson	10
Mixed	10
Large-Flowering Mixed	05
Klondike. Attains a height of 4 to 5 feet; blooms medium early and continues flowering until frost. Flowers 2½ to 3 inches across, rich orange-yellow, produced in great abundance	10
Early-Flowering. Seed of this variety may be sown in the open ground in May, and will bloom in August, continuing until late in fall; flowers large, well formed, and its keeping qualities are excellent	10

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CUCUMIS FLEXUOSUS.
(Snake Cucumber.)

An ornamental climber remarkable for the luxuriance and rapidity of its growth. Fine for trellises. Pkt. 5 cts.

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COREOPSIS.

	Pkt.
Lanceolata. This is one of the finest hardy perennial plants; flowers bright golden yellow, large and showy	$0 05
Golden Glory. An improved variety of the lanceolata type, producing long-stemmed, immense rich yellow flowers, shaded with orange, flowering in profusion for a long period during the summer; unequaled for cutting; grows anywhere	10

COWSLIP (Primula veris).

A well-known hardy perennial, flowering early in spring; very fragrant. 6 inches. Pkt. 5 cts.

CUPHÆA.

These are pretty free-flowering, half-hardy perennials well adapted for the house or garden border.

	Pkt.
Platycentra. Scarlet, black and white	$0 10
Rœzlii. Pyramidal-formed; flowers yellow and red	10

CYCLAMEN PERSICUM.

These are among the most beautiful winter and spring-blooming plants. The flowers are rich colored and fragrant, borne well above the highly ornamental foliage. Seed may be sown during autumn or spring, and when two leaves are developed transplant into 2-inch pots, placing near the light, but shaded from the direct rays of the sun. When pots become filled with roots shift to larger sizes as required. Succeed best in temperature of 50 to 60 degrees.

	Pkt.
Fine Mixed Colors	$0 10
Giganteum album. Pure white	25
Rubrum. Dark red	25
Roseum. Bright rose	25
Duke of Connaught. Crimson	25
Picturatum. White, claret base	25
Giganteum, Finest Mixed. All colors	25
Williams' Superb Strain. In original packages	75

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A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. Succeeds best in a moist situation. Half-hardy perennial. Pkt. 15 cts.

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One of the most graceful climbing plants, with very delicate, fern-like foliage, and bearing clusters of small, star-shaped flowers.

	Pkt.
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Mixed	oz. 50 cts. 05

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Double Varieties.

Finest Double Mixed. Saved from the choicest varieties . . . . $0 10 Pkt.

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Strong-growing ornamental annuals, with large, trumpet-shaped flowers. Fine for flower beds or borders.

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A beautiful genus, embracing some of the most popular flowers in cultivation. They are unrivaled for brilliancy and variety of color. Height about 1 foot.

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Heddewigii Diadematus (Double Diadem Pink). Large double flowers in various tints of lilac, crimson and purple, with outer edges fringed and nearly white 05

Laciniatus fl. pl. Double fringed flowers. Mixed colors 05

Imperialis fl. pl. (Double Imperial Pink). Fine mixed 05

Single Annual Varieties.

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For Annual varieties, see Larkspur, page 35.

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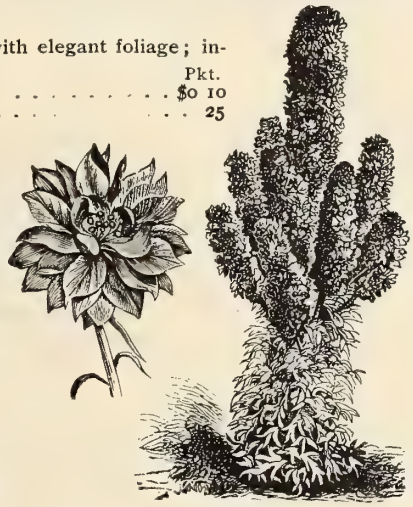

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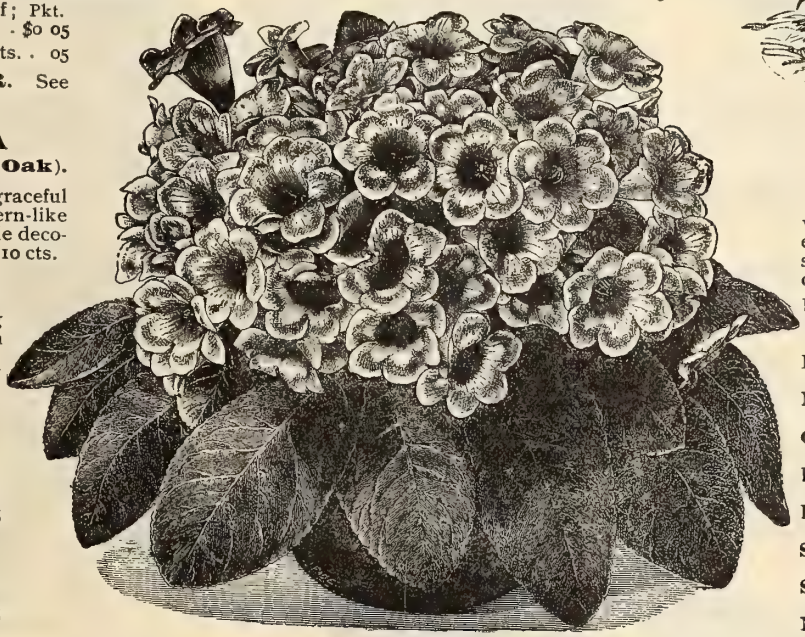

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Eulalia Japonica. One of the most beautiful of the tall-growing grasses. 5 feet 10

Gymnothrix latifolia. Splendid ornamental grass. Half-hardy perennial. 10 feet 10

Gynerium argenteum (Pampas Grass). The finest ornamental grass in cultivation. Half-hardy perennial. 10 feet 10

Lagurus ovatus (Hare's Tail). Small white plumes. Annual. 1 foot . . . 05

Stipa pennata (Feather Grass). One of the prettiest and most interesting. Perennial. 2 feet 10

Collection of twelve varieties of Ornamental Grasses, 50 cents.

HELICHRYSUM.

These everlastings are greatly admired for their beauty. The flowers are large and the colors bright. They are highly prized for winter bouquets. Flowers intended for drying should be gathered when partially unfolded, and suspended with their heads downward in a cool place. Succeed best in rich, loamy soil.

Helichrysum.

	Pkt.
Double White	$0 05
Red	05
Yellow	05
Mixed. 1½ feet	05

Collection of 12 varieties, 50 cts.

HELIOTROPE.

Well-known favorites, highly valued for their delicious fragrance. Handsome plants when bedded out, and also very desirable for house culture, a single plant filling a whole room with perfume. Seed sown early in the spring will produce large-flowering plants the first summer.

	Pkt.
Lemoine's Giant. Immense clusters of flowers, double the size of older varieties; deliciously fragrant	$0 10
King of Blacks. Very dark	10
Finest Mixed	10

HELIPTERUM SANDFORDI.

A very desirable dwarf everlasting, bearing large clusters of golden yellow flowers. 1 foot. Pkt. 10 cts.

HEUCHERA SANGUINEA (Scarlet Alum Root).

Beautiful hardy perennial. The plants grow about 2 feet high and produce their flowers in long trusses of rich bright crimson. They are very handsome and valuable for cut-flowers. Pkt. 10 cts.

HIBISCUS.

Showy, ornamental plants of easy cultivation, having large, beautifully colored flowers.

	Pkt.
Africanus. Large cream-colored flowers with brown center. Hardy annual. 1½ feet	$0 05
Coccineus. Bright scarlet. Tender perennial	10
Californicus. White, with deep carmine center	10
Crimson Eye. Immense flowers of purest white, with a velvety crimson spot in the center of each flower. Perfectly hardy, blooming the first year from seed sown in the open ground	10

Heliotrope.

HONESTY, or SATIN FLOWER.
(Lunaria biennis.)

Early, free-flowering plants, interesting for the silver-like tissue of the seed pods in their matured state. The flower is purple, but not very conspicuous. The seed pods are fine for skeletonizing and working in with other everlasting flowers for winter bouquets. Blossoms the second year from seed, and then dies. Hardy biennial. 2 feet high. Pkt. 5 cts.

Hibiscus.

Hollyhock.

HOLLYHOCK.

Grand summer-flowering plants, bearing long spikes of double flowers 3 to 4 inches across. A clump or line of them in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers we know of nothing better. The seeds offered have been saved from a superb strain of the finest double flowers. Seeds sown during the summer will produce plants that will bloom the following season. Hardy perennial. 5 to 8 feet.

Mammoth Fringed "Allegheny." An entirely new departure in this grand old garden favorite. The flowers are of mammoth size, 5 to 7 inches in diameter and gracefully formed of loosely arranged fringed petals which look as though made of crushed satin, and when cut are hardly recognizable as a Hollyhock, having none of the formality of the ordinary type. The colors range from the most delicate shell-pink to dark red. Mixed colors. Pkt. 10 cts.

	Pkt.
Double White	$0 10
" **Canary Yellow**	10
" **Lilac-Rose**	10
" **Salmon**	10
" **Double Crimson**	10
" **Lavender**	10
Double Pink	$0 10
" **Fine Mixed**	10
Chater's Mixed. Splendid varieties	15
Dwarf White. An excellent variety, growing 3 to 4 feet high	15

Collection of eight superb double varieties, 75 cts.

Elliott's Special Blended Pansy Mixture contains the largest, newest and best varieties.

Humulus Japonicus.

HUMEA ELEGANS.

A remarkably handsome decorative plant, flowering in drooping pyramids of small, very pretty rose-colored florets, which are deliciously fragrant. It often attains a height of 8 feet, and forms a handsome specimen plant for the conservatory or for outdoor decoration during the summer. Pkt. 10 cts.

HUMULUS.

(Japanese Hop.)

	Pkt.
Japonicus. A very ornamental and fast-growing climbing plant. The foliage resembles that of the common Hop, is very dense, of a lively green color, and is not affected by heat, drought or insects	$0 05
Japonicus variegatus. The leaves of this variety are distinctly splashed and streaked with white. Very effective for screens, arbors, etc.	10

IBERIS. See Candytuft.

IPOMŒA.

Climbers of rapid growth with beautiful flowers. For covering verandas, trellises, stumps of trees, etc., they are unsurpassed.

	Pkt.
Coccinea (Star Ipomœa). Small scarlet flowers	$0 05
Grandiflora alba (Moonflower). The vines are literally covered with immense, pure white, deliciously fragrant flowers, 5 to 6 inches in diameter, which open at dusk or earlier on cloudy days	10
Learii. Large dark blue flowers; splendid	25
Limbata elegantissima. Intense violet-blue, with a broad margin of pure white; beautiful	10
Rubro-cœrulea. Sky-blue, large and handsome	10

ICE PLANT.

(Mesembryanthemum crystallinum.)

Curious plant for hanging baskets, rockwork, vases and edgings. The leaves and stems are succulent and fleshy, and appear as though covered with ice crystals. The whole plant is peculiarly brilliant in the sunshine. Succeeds best in dry sandy loam and in a warm situation. Can be grown in pots or open border. Tender annual trailer. 6 inches high. Pkt. 5 cts.

IMPATIENS SULTANI.

(Zanzibar Balsam.)

Produces an abundance of rosy carmine flowers; is one of the most distinct and beautiful plants for window culture, and does splendidly in the garden. Pkt. 15 cts.

JACOBÆA (Senecio).

Remarkably pretty, free-growing, profuse flowering plants. Grow freely from seed and are easily propagated from cuttings. Hardy annuals. Fine double mixed. Pkt. 5 cts.

KALANCHOE CARNEA.

Very fine winter-blooming plant; of easy culture, very floriferous, and attains a height of about 18 inches. The beautiful pink flowers are borne in great clusters, wax-like and very fragrant. Pkt. 25 cts.

KENILWORTH IVY (Linaria Cymbalaria).

A pretty drooping plant, with small lilac flowers; fine for hanging baskets, vases, etc. Pkt. 10 cts.

LANTANA.

One of the most desirable half-hardy, greenhouse or bedding plants, constantly in bloom; verbena-like heads of orange, white, rose and other colored flowers. Finest mixed. Pkt. 10 cts.

Moonflower.

LOBELIA.

COMPACTA VARIETIES.

Dwarf plants, 4 to 6 inches high, splendid for edging.

	Pkt.
Crystal Palace compacta. Dark blue; the best variety for bedding	$0 10
White Gem. Pure white; a charming variety	10
Emperor William. Very compact; flowers sky-blue	10
Prima Donna. Dark wine color	10
Golden Queen. Golden yellow foliage and brilliant blue flowers	10
Mixed Compacta Varieties	10

TRAILING VARIETIES.

These are indispensable for hanging baskets, vases, etc.

	Pkt.
Speciosa. Bright blue	$0 05
Alba. Pure white	05
Gracilis. Light blue; slender trailing stems	05
Duplex. Double blue	10

HARDY VARIETIES.

Tall-growing hardy perennials 2 to 4 feet high, excellent for permanent borders.

	Pkt.
Cardinalis. Long spikes, of bright scarlet flowers; succeeds well in any situation	$0 10
Mixed Hardy Hybrids. Many beautiful varieties	10

Lobelia.

LAPAGERIA ROSEA.

One of the most beautiful greenhouse and conservatory climbers yet known; has numerous brilliant carmine-colored, bell-shaped flowers. Pkt. 25 cts.

LARKSPUR.

(Annual Delphinium.)

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Their colors are rich and varied. Hardy annual.

Larkspur.

	Pkt.
Double Dwarf Rocket. Finest mixed colors. 1 foot . . . . . oz. 30 cts. .	$0 05
Double Tall Rocket. Finest mixed colors. 2 ft. . oz. 30c. .	05
Double Stock-Flowered. Long spikes of bloom; finest mixed colors. 1 ft. . oz. 40c. .	05
Emperor. Mixed. A magnificent variety, remarkably floriferous; rich colors. 1½ feet	05
Candelabra-Flowered. A fine dwarf branching variety, of a great many colors. Mixed. 1 foot	$0 10

Collection of Dwarf Rockets, six separate colors, 30 cents.

For Perennial Larkspur, see Delphinium, page 31.

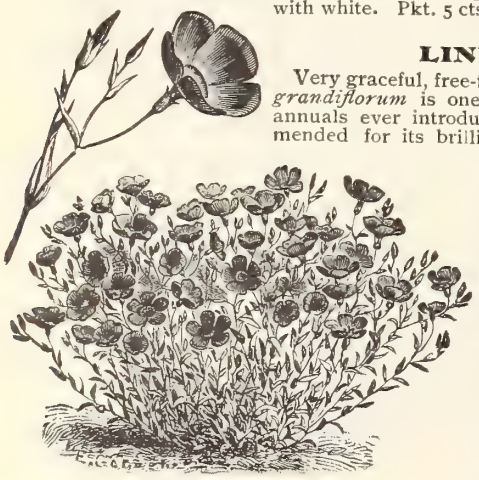
LATHYRUS (Everlasting Pea).

These are splendid hardy perennials, profuse bloomers and excellent for cutting. Flowers are like those of Sweet Peas, not fragrant, but more lasting. Plants live throughout the winter with some protection.

	Pkt.
Crimson	$0 05
White	05
Mixed	05

LAVIA ELEGANS.

A pretty hardy annual, growing about 1 foot high. The flowers measure nearly 2 inches in diameter and are of a golden yellow, tipped with white. Pkt. 5 cts.



Linum.

LINUM.

Very graceful, free-flowering plants. *L. grandiflorum* is one of the handsomest annuals ever introduced, equally recommended for its brilliant color and long duration in bloom. *L. flavum* is a fine gold-colored variety, which may also be grown in pots.

Grandiflorum. Scarlet. 1 foot. Pkt. 5 cts.

Grandiflorum flavum. Yellow. Pkt. 10 cts.

LAVENDER.

Well-known hardy perennial, bearing long spikes of fragrant blue flowers. Should be in every garden. Pkt. 5 cts.

LEMON VERBENA.

An old favorite, with lemon-scented foliage. Pkt. 10 cts.

LISIANTHUS RUSSELLIANUS.

A magnificent greenhouse plant, with tulip-shaped flowers of a fine, rich purple, with a very dark eye in the center. The flower continues perfect for two or three weeks. By forcing it early in the spring and planting out in the open border, it will probably be found to flower as freely as *Phlox Drummondii*. Pkt. 25 cts.

LOPHOSPERMUM.

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. Half-hardy annual.

	Pkt.
Coccineum. Scarlet	$0 10
Scandens. Rosy purple	10

LOVE-IN-A-MIST. See Nigella.

LUPINUS.

Free-flowering plants with long spikes of flowers, rich and varied in color. Mixed annual varieties. Pkt. 5 cts.

LYCHNIS.

Handsome and highly ornamental plants, of easy culture; strikingly effective in mixed flower and shrubbery borders. Hardy perennials.

	Pkt.
Chalcedonica. Large heads of brilliant scarlet flowers. 2 feet .	$0 05
Alba. Pure white, very ornamental. 2 feet	05
Finest Mixed Varieties	05

MARIGOLD.

The French and African Marigolds are valuable for their flowers in autumn, and can be grown to advantage in little clumps with other plants in the front of shrubberies or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms; the French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kind adapt themselves to spots where the taller varieties would be unsuitable.

Marigold, Legion d'Honneur.

AFRICAN VARIETIES.

Eldorado. Without a doubt the finest of the African Marigolds. Immense double flowers of many beautiful shades of yellow. Pkt. 10 cts.

	Pkt.
Gold Nugget. Dwarf dense growth; large double flowers of a golden yellow color	$0 10
African Quilled. Mixed varieties. 2 feet	05

FRENCH VARIETIES.

	Pkt.
Gold-Striped. Flowers rich maroon, regularly striped with golden yellow; habit of plant dwarf and compact	$0 10
Dwarf French. Finest mixed; very double. 1 foot	05
Legion d'Honneur. A single-flowering Marigold, forming compact bushes 6 inches high. Begins flowering extremely early, commencing in June. The flowers are golden yellow, marked with a large spot of velvety crimson	10

See also Calendula and Tagetes.

MALOPE.

Pretty free-blooming hardy annual, with large, showy flowers.

Pkt.

Grandiflora. Crimson. 2 feet $0 05
Alba. White. 2 feet 05

MALVA, or MALLOW.

Showy, free-flowering border plants, succeeding in any common garden soil. Hardy annuals.

Pkt.

Crispa (Curled Mallow). Ornamental foliage with curled edges; very fine. 5 feet $0 05
Miniata. Scarlet. 1½ feet 10

MATRICARIA (Feverfew).

Low-growing plants, suitable for beds and edgings, extensively grown by florists for their flowers. Succeed best in a light, rich soil. Hardy annuals.

Pkt.

Capensis. Dwarf, double white. 1 foot $0 10
Eximia. White, quilled. 1½ feet 10
Grandiflora. An improved, large-flowered, pure white variety . . 10

MIGNONETTE.

A well-known fragrant favorite. If the plants are thinned out when large enough they will grow stronger and produce much larger spikes of flowers.

Pkt.

Mignonette Machet.

Elliott's Mammoth. Without doubt the largest-flowered form that has been seen and the finest Mignonette in cultivation . . . $0 10

Allen's Defiance. Spikes from 12 to 15 inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining their grace and fragrance till every bud opened 10

Golden Queen. Fine spikes of golden yellow blossoms . oz. 50c. . 05

Machet. The best variety for pots; one of the finest of recent introductions . . oz. 75 cts. . 10
Miles' Hybrid Spiral. Very fragrant; splendid for pot culture; has very long, full, handsome spikes . . . . . oz. 50 cts. . 05
Parson's White. White; strongly scented; long, well-formed spikes 05
Red Victoria. Of dwarf, branching habit, bearing large, compact trusses of fragrant deep red flowers 10
Large-Flowering. The common sweet Mignonette, still a general favorite for making up bouquets . . . . oz. 15 cts., ¼ lb. 40 cts. . 05

MAURANDYA.

These charming climbers cannot be too highly praised for their beautiful flowers and foliage. From their graceful slender growth they are admirably adapted for hanging baskets, vases or any form of trellis work.

Pkt.

Barclayana. Deep violet. 10 feet $0 10
Alba. A pretty white variety. 10 feet 10
Mixed Colors 10

Mina Lobata.

MATHIOLA BICORNIS (Night-Scented Stock).

An annual garden plant grown for the delicious perfume which is emitted from its flowers in the evening. Pkt. 5 cts.

MESEMBRYANTHEMUM.

Beautiful dwarf edging plants, flowering profusely in dry and sunny situations.

Pkt.

Cordifolium variegatum. Remarkable for the distinct white and green variegation of its leaves $0 10
Tricolor. Rose, with purple center 05

MIMOSA PUDICA (Sensitive Plant).

Very curious and interesting plant with pink flowers. The leaves close and droop when touched or shaken. Pkt. 5 cts.

MINA LOBATA.

A charming Mexican climber, bearing tube-shaped flowers in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of 15 to 20 feet. Pkt. 10 cts.

MIMULUS (Monkey Flower).

Mimulus make admirable pot-plants, and are equally adapted for beds in the garden in semi-sunny positions. The colorings and markings are rich in the extreme, ranging through velvet, crimson, maroon, yellow, white and pink, spotted and blotched in a beautiful manner.

Pkt.

Tigrinus. Tigered and spotted varieties $0 10
Duplex (Hose-in-Hose). Beautiful double tigered and spotted varieties 25
Moschatus. Yellow flowers, lightly dotted and splashed with brown. The well-known musk plant; needs rich soil and plenty of moisture. A pretty perennial trailer for damp spots 10

MOMORDICA.

Luxuriant annual climber with ornamental foliage and golden yellow fruits, which open when ripe, exposing a carmine interior.

Pkt.

Balsamina (Balsam Apple) . . . $0 05
Charantia (Balsam Pear) 05

MUSA ENSETE.

(Abyssinian Banana.)

A magnificent foliage plant for the open ground in summer or for the greenhouse or conservatory in winter. Seeds sown early in the house will produce large plants the first season. Pkt. 25c.

Musa Ensete.

Imperial Japanese Morning-Glories.

MORNING-GLORIES.

IMPERIAL JAPANESE MORNING-GLORIES. The greatest charm of these Imperial Japanese Morning-Glories lies in the exquisite beauty and enormous size of the flowers, which measure from 4 to 5 inches across. The colorings are beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, indigo, bronze, slate, brown, cherry, ash gray, etc.; others are edged with white, having throats of one of the above colors, while in others this is reversed. There is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. The vines are very robust, attaining a height of from 30 to 40 feet. The leaves are very handsome; some are rich green, while others are streaked and mottled with white, silvery gray or yellow. Our strain has been selected with great care from a grand collection, and we feel confident it will give perfect satisfaction . . . . . Pkt. $0 10

BRAZILIAN MORNING-GLORIES (*Ipomœa setosa*). A grand and luxuriant twining vine. The leaves measure 8 to 12 inches across, are deeply lobed and overlap each other, thus making a very dense shade. Flowers 3 inches in diameter, of a beautiful rose color, borne in clusters, and are followed by very curious seed pods 10

COMMON MORNING-GLORIES (*Convolvulus major*). Annual climbers; well known universal favorites; rapid growers. Mixed colors 05

DOUBLE MORNING-GLORIES (*Ipomœa purpurea fl. pl.*). Makes a strong, robust growth and produces double, white, blue or red-spotted flowers 10

DWARF MORNING-GLORIES (*Convolvulus minor*). These have a low-growing or trailing habit, each plant covering a space of 2 feet or more in diameter. The flowers are richly colored, and a bed of them is a beautiful sight the entire summer 10

NASTURTIUMS.

Tom Thumb, or Dwarf Varieties.

Beautiful bedding plants, forming compact plants about 1 foot high, covered with brilliantly colored flowers from early summer until killed by frost.

	Pkt.	Oz.
Aurora. Salmon-rose and blush, with garnet blotches	$0 05	$0 20
Beauty. Yellow-flushed vermilion	05	20
Bronze Color. Rich coppery bronze	05	20
Chameleon. Blotched crimson, bronze and yellow	05	20
Cloth of Gold. Yellow foliage, flowers deep scarlet	05	20
Cœrulea rosea. Rose-tinged purple	05	20
Crystal Palace Gem. Sulphur, maroon spots	05	20
Empress of India. Brilliant crimson, with dark foliage	05	20
Golden King. Golden yellow	05	20
King of Tom Thumbs. Scarlet	05	20
King Theodore. Dark maroon; dark foliage	05	20
Lady Bird. Orange-yellow, red spots	05	20
Pearl. Creamy white	05	20
Prince Henry. Cream color, marbled and spotted with bright scarlet and tipped with wine red	05	20
Rose	05	20
Ruby King. Carmine	05	20
Tom Thumb Mixed . . . . . ¼lb. 35 cts.	05	15

Collection of twelve Tom Thumb varieties, 50 cents.

TOM THUMB LILLIPUT.

These are charming little plants with neat habit and bushy foliage, much smaller than the Dwarf sorts. Flowers are very brilliant and of a great variety of colors. Pkt. 10 cts.

Tall, or Climbing Varieties.

Elegant climbing annuals of easiest culture; very useful for covering verandas, trellises, etc.

	Pkt.	Oz.
Crimson	$0 05	$0 15
Chocolate	05	15
King Theodore. Dark crimson, dark foliage	05	15
Orange	05	15
Pearl. Cream white	05	15
Prince Henry. Cream color, spotted crimson	05	15
Regelianum. Purple violet	05	15
Rose	05	15
Scarlet	05	15
Yellow	05	15
Golden-Leaved Scarlet. Flowers dark crimson-scarlet; foliage yellow	05	15
Tall Mixed. All colors . . . . . ¼lb. 30 cts.	05	10

Collection of ten Tall varieties, 40 cents.

Nasturtiums.

MADAME GUNTER'S HYBRID NASTURTIUMS.

An entirely new strain of French origin, most remarkable for their wide range of exquisite colors, showing pink, purple, rose, salmon, light yellow, dark maroon, deep orange, etc. Also striped and blotched, mottled and variegated in the most fantastic manner. They are strong growers, climbing 5 to 7 feet, with a rich dark foliage. Pkt. 5c., oz. 20c.

LOBB'S CLIMBING NASTURTIUMS.

They are as easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for winter blooming.

	Pkt.
Asa Gray. Primrose-yellow	$0 10
Lucifer. Very dark scarlet	05
Spitfire. Brilliant scarlet	05
Chaixianum. Yellow, blotched carmine	05
Roi des Noirs. Blackish crimson	05
Lobb's Nasturtiums, Mixed oz. 20 cts.	05

Collection of 8 varieties of Lobb's Nasturtiums, 40 cents.

NEMOPHILA.

Extremely pretty dwarf, hardy annuals of spreading habit, well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted.

	Pkt.
Insignis. Blue, white center	$0 05
Maculata. White, with purple spots	05
Mixed. Many varieties	05

NERTERA DEPRESSA.

A handsome creeping plant, with oval leaves and small white flowers, covered later with small coral-colored berries; fine for pot culture. Tender perennial. Pkt. 25 cts.

NICOTIANA AFFINIS.

A very valuable plant, producing freely deliciously fragrant large white tubular flowers; grows well in a rather rich loam. Tender annual. 3 feet. Pkt. 10 cts.

NIEREMBERGIA.

Beautiful little plants, flowering profusely the whole summer; fine for pots, edgings, hanging baskets, etc.

	Pkt.
Gracilis. Light blue, yellow eye	$0 10
Frutescens. Lilac; free-flowering	10

Oxalis

NIGELLA DAMASCENA.
(Love-in-a-Mist.)

Very interesting, free-flowering plants, with curious-looking flowers. Hardy annual. Finest mixed. 1 foot. Pkt. 5c.

ŒNOTHERA.
Evening Primrose.

Œnotheras are fine hardy annuals, opening their large, showy flowers during the latter part of the day. Finest varieties mixed. Pkt. 5 cts.

OXALIS.

Charming half-hardy perennials, suitable for vases, rockwork, hanging baskets, etc., bearing clusters of pretty flowers in great profusion. 6 inches.

	Pkt.
Alba. Pure white	$0 10
Rosea. Rose-colored; very pretty	10
Tropæoloides. Deep yellow flowers and fine bronze foliage	10
Valdiviana. Pure yellow	10

Double Fringed Petunia.

PASSION FLOWER (Passiflora).

Handsome, rapid-growing climbers, bearing beautiful and remarkable flowers in the greatest profusion. 15 to 20 feet.

	Pkt.
Cœrulea. Sky-blue, very fine	$0 10
Coccinea. Vivid scarlet	10

PETUNIA.

These well-known favorites produce their fragrant and beautiful flowers from early summer until killed by frost. They do well in the house, conservatory or garden, and thrive in almost any kind of soil.

SINGLE VARIETIES.

	Pkt.
Large-Flowering Single Fringed. An unrivaled strain. Mixed colors	$0 25
Large-Flowering Single Mixed. Superb varieties in splendid mixture	25
Dwarf Inimitable. Star Petunia; beautiful, compact-growing variety	10
Large-Throated. Splendid collection of mixed colors	25
Argentea. Silvery white	10
Choice Mixed. Striped and blotched	10
Fine Mixed	05

Collection of twelve separate varieties. Large-flowering single, $1.

DOUBLE VARIETIES.

	Pkt.
Large-Flowering Double Mixed. Large double variegated flowers	$0 25
Large-Flowering Double Fringed. Large double, beautifully fringed flowers	50

Collection of twelve separate varieties, double, $1.25; six separate varieties, double fringed, 75 cents.

Of course everybody knows that only a small percentage of double-flowering plants may be expected from seed, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these always produce the finest double flowers.

Elliott's Rainbow Sweet Peas are up to date, and comprise all the brightest colors and largest flowering kinds.

Collection of Choice Pansies.

GIANT TRIMARDEAU PANSIES.

Plants are vigorous and compact; flowers very large and of a great variety of colors.

	Pkt.
Giant, Azure Blue. Lavender, shaded dark blue	$0 15
Giant, Brown-Red. Very fine	15
Giant, King of the Blacks. Rich velvety black	15
Giant, Lord Beaconsfield. Purple-violet, shading to lavender	15
Giant, Purple. Velvety purple	15
Giant, Snowflake. Snow-white	15
Giant, Striped. Extra fine	15
Giant, White. Pure white, with purple eye	15
Giant, Yellow. Golden yellow, with black eye	15

One packet each of the above nine varieties, $1.

Giant Trimardeau. Mixed colors. Pkt. 10 cts.

PANSIES.

As the Pansy is so universally known, it is unnecessary to give a detailed description of its ordinary characteristics, but we wish to draw special attention to the wonderful development that has taken place in the colors and markings and also in the increased size of the blossoms. The state of perfection of this popular flower is reached in **Elliott's Special Blended Mixture.**

ELLIOTT'S SPECIAL BLENDED PANSIES.

Without a doubt the finest strain in existence, containing only those varieties of recent introduction that are of the greatest merit for size, freedom of bloom and elegance of color. Pkt. 25 cts.

EXTRA CHOICE LARGE-FLOWERING PANSIES.

	Pkt.
Bugnot's Superb Blotched. Flowers of enormous size, each petal being marked with a broad blotch, from which delicate pencilings extend to the extreme edge	$0 25
Cassier's Giant. Large, rich and showy blotched varieties	25
Odier. Five-blotched. Extra large, perfectly formed flowers	25
Large Stained French. A magnificent strain, embracing the most beautiful shades and colors	25
English, Extra Choice Mixed. From a splendid English collection of the largest flowering varieties	25

PANSIES IN SEPARATE COLORS.

	Pkt.
Auriculæflora. Bronze, margined rose	$0 10
Bronze-Colored. Very fine	10
Emperor William. Ultramarine blue, with purple eye	10
Faust. Deep jet black	10
Fawn-Colored. Remarkably beautiful	10
Fire King. Golden yellow, upper petals purple	15
Gold-Margined. Splendid	10
Light Blue. Lovely shades of sky-blue	10
Lord Beaconsfield. Deep purple-violet, shading to lighter hue	10
Mahogany-Colored. A very showy variety	10
Peacock. Very beautiful. Large peacock-blue flowers, with white edge	15
Purple. Rich velvety purple	10
Red Victoria. Claret red, very fine. The nearest approach to a scarlet in Pansies	15
Snow Queen. Satiny white	10
Striped. Extra fine, very showy	10
White-Margined. Dark purple, with white edge	10
White. Pure white, with dark eye	10
Yellow. Golden yellow, with black eye	10
Yellow Gem. Pure yellow, without eye	10
Fine Mixed. All the above varieties	10
Good Mixed	05

Collection of twelve choice varieties, $1; six choice varieties, 50 cts.

PENTSTEMON.

Beautiful and attractive hardy herbaceous plants, with long, graceful spikes of richly colored flowers. Extra fine mixed. Pkt. 10 cts.

PERILLA NANKINENSIS.

Ornamental foliage plant, thriving in any soil. Leaves blackish purple. Fine for bedding purposes. 1½ feet. Pkt. 5 cts.

Collection of Phloxes.

PHLOX.

The different varieties of Phlox are noted for extreme richness of color, profuseness and duration of bloom. They rank among our finest annuals, and whether planted in clumps or masses always look beautiful.

Phlox Drummondi. Choice mixed. Pkt. 5 cts., oz. 50 cts.

LARGE-FLOWERING, or GRANDIFLORA VARIETIES.

These are a great improvement on the older sorts, producing flowers almost double the size.

	Pkt.
Alba. Pure white	$0 10
Alba oculata. White, with claret eye	10
Coccinea. Brilliant scarlet; excellent for bedding	10
Rosea. Beautiful rose	10
Leopoldi. Rose, white eye	10
Atropurpurea. Deep purplish blood color, rich and velvety	10
Chamois Rose. Salmon-pink, with dark orange-scarlet eye	10
Isabellina. Lemon-yellow, garnet eye	10
Kermesina splendens, Vivid crimson, white eye	10
Large-Flowering Mixed. Extra large-flowered varieties in all the favorite colors . . . . oz. 75 cts.	10

DWARF, or NANA COMPACTA.

Very desirable for ribbon bedding and useful for pot culture. They grow about 8 inches in height and are covered with flowers all summer and fall.

	Pkt.
Fireball. Brilliant scarlet	$0 10
Snowball. Pure white	10
Rosea. Beautiful rose	10
Nana compacta, Mixed. All colors	10

STAR PHLOX.

This is the most distinct and striking Phlox we have. The plants are of dwarf habit and produce beautiful star-like flowers.

Star of Quedlinburg, Mixed. Pkt. 10 cts.

DOUBLE-FLOWERING PHLOX.

Very desirable on account of the durability of the flowers, which last much longer than those of the single sorts.

	Pkt.
Double White	$0 15
" **Yellow**	15
" **Scarlet**	15
" **Mixed**	10

HARDY PHLOX (Phlox Decussata).

One of the finest herbaceous plants for beds or massing; grows about 2 feet in height and bears immense heads of beautiful flowers. Finest mixed. Pkt. 10 cts.

POLYCALYMNA STUARTI.

Pretty everlasting, with white and yellow flowers. Half-hardy annual. 1½ feet. Pkt. 10 cts.

POLYANTHUS.

Splendid spring-flowering plants; fine for pot culture or the open border. Hardy perennials.

	Pkt.
Mixed. All colors	$0 10
Extra Choice Mixed. From the finest named varieties	25

POLEMONIUM (Jacob's Ladder).

Fine hardy herbaceous perennials, bearing large heads of exceedingly beautiful flowers. Very desirable. Mixed. Pkt. 5c.

PHASEOLUS CARACALLA.

A beautiful climber; may be grown outside in summer and in the greenhouse in winter. Valued by florists for their delicious fragrance and resemblance to orchids; bluish white flowers. Plant in light, rather rich loam. Pkt. 10 cts.

PHYSALIS FRANCHETI.
(Chinese Lantern Plant.)

A remarkably showy variety of the Winter Cherry. The plants are well covered with handsome green foliage, studded with large cherry-like fruit, enclosed in an enormous balloon-like semi-transparent calyx of bright crimson color; very effective in the autumn garden, or excellent when grown as pot-plants for winter decoration. Pkt. 10 cts.

POPPY.

Showy, free-blooming, old-fashioned flowers. Very effective in mixed borders. Seed of the annual varieties should be sown early in the spring where the plants are to remain, as they are difficult to transplant.

DOUBLE ANNUAL POPPIES.

Carnation-Flowered. Large, globular flowers, the petals of which are cut and fringed in a most attractive manner. 2½ ft. high.

	Pkt.		Pkt.
White	$0 05	**Scarlet**	$0 05
White, Striped Scarlet	05	**Ash Gray**	05
Light Yellow	05	**Dark Lilac**	05
Rose	05	**Purple on Black-Brown**	05
		Mixed. All colors	05

Eiderdown. Robust plants 1½ to 2 feet high; the flowers are elegantly fringed, and form round balls of the purest white . . . 05

The Mikado. Large double flowers, pure white, with fringed edges of crimson-scarlet 05

Snowdrift. Pure white, extremely double flowers, perfect form; very large size 05

French Ranunculus-Flowered. Double mixed. 2 feet . . . 05

Pæony-Flowered. Large flowers, resembling a double Pæony. Mixed colors 05

SINGLE ANNUAL POPPIES.

Shirley. A strain of marvelous beauty, with single and semi-double flowers ranging in color from pure white through the most delicate shades of pink, rose and carmine to the deepest crimson, while many are delicately edged and striped; there is such a wide variety among this class that scarcely two will be found alike. If the flowers are gathered in the morning while the dew is on them and placed in water, they will retain their freshness 48 hours. Pkt. 10c.

English Scarlet. The common Field Poppy of Great Britain. Pkt. 5 cts.

Shirley Poppies.

Double Poppy.

PORTULACA.

Very brilliant dwarf annuals, best adapted to warm situations, and blooming profusely from early summer until autumn. Very effective in beds, edgings or rockwork. Seeds should be sown late, as they will not germinate till hot weather. Thrive best in light sandy soil. 6 ins.

		Pkt.
Single, Extra Mixed	oz. 40 cts.	$0 05

Collection of ten separate colors, 40 cents.

DOUBLE PORTULACAS.

	Pkt.		Pkt.
White	$0 15	**Scarlet**	$0 15
Orange	15	**Sulphur**	15
Rose Color	15	**Rose, Striped Carmine**	15
		Mixed Colors	10

Collection of six separate colors, 50 cents.

PRIMULA.

The Chinese Primrose is one of the most valuable winter-blooming plants for the house, greenhouse or conservatory. Seed sown in spring produces fine plants for flowering the following winter. The varieties we offer are selected from the very best English strains, and cannot be surpassed.

SINGLE FRINGED CHINESE PRIMROSES.

	Pkt.
Alba magnifica. Flowers pure white, with a large, bright yellow eye	$0 50
Chiswick Red. The most brilliant crimson-scarlet Primula; the foliage is very finely cut, and a deep green color	50
Holborn Blue. Saved from the richest colored flowers only	50
Magenta Queen. Compact habit of growth, vigorous and robust. Flowers are very large, of a bright magenta, with a small lemon eye; dark green foliage	50
Meteor. Immense, beautifully fringed blossoms; color rich crimson, with bright yellow center	50
Princess Louise. Splendid, large white flowers, having a peculiar metallic luster; quite distinct	50
Rose Queen. Beautiful shade of rose	50
Rubra violacea. Of robust habit, bearing flowers of rich violet-crimson	50
Village Maid. White, striped carmine	50
Alba. Pure white	25
Rubra. Red; very fine	25
Single Fringed. Very choice mixed	25

Portulaca.

SINGLE ANNUAL POPPIES, continued.

	Pkt.
Danebrog. Brilliant scarlet, each of the four petals being stamped with an ivory-white spot	$0 05
Lævigatum. Gorgeous New Persian Poppy; deep scarlet, with black spots, white margin	10
The Bride. Satiny white flowers of large dimensions	10
Tulip Poppy (*Papaver glaucum*). A new species, 12 to 14 inches high, producing 50 to 60 vivid scarlet flowers. The two outer petals form a saucer surrounding the two erect petals, giving the flower the appearance of a scarlet tulip	$0 10
Umbrosum. Rich vermilion, with a shining black spot on each petal	05

Collection of six varieties of Single Annual Poppies, 35 cents; six varieties Double Annual Poppies, 25 cents.

HARDY PERENNIAL POPPIES.

	Pkt.
Bracteatum. Very large orange-scarlet flowers, averaging 5 inches in diameter	$0 10
Iceland Poppies (*Papaver nudicaule*). Although perennials, this class blooms the first season from spring-sown seed. Fragrant, crushed satin-like flowers produced in profusion from beginning of June to October. Mixed colors	10
Oriental Hybrids. Containing charming new colors, including blush pink, black-purple, deep blood-red, etc. Finest mixed	15

POTENTILLA.

Handsome herbaceous perennials, exceedingly useful in all situations; the neatness of their foliage and long duration of bloom make them very desirable.

	Pkt.
Double. Choice varieties mixed. 1 foot	$0 25
Single. Finest mixed. 1½ feet	10

Primula.

Elliott's Mammoth Verbenas cannot be beaten for size and brilliancy of flowers.

DOUBLE FRINGED CHINESE PRIMROSES.

	Pkt.
Alba plena. Double white	$0 50
Rubra plena. Double red	50
Finest Double Mixed	50

VARIOUS PRIMROSES.

	Pkt.
Obconica. A charming variety. Flowers are very fragrant and of a pale lilac color. Grows easily from seed which, if sown early in spring, will produce blooming plants in May or June. One of the most useful Primulas for pot culture	$0 10
Floribunda. Lovely yellow flowers, deliciously fragrant. Fine for house culture	25
Cortusoides. Bright rosy red. Hardy perennial	10
Dean's Hardy Hybrids. Beautiful varieties, all colors mixed	25
Japonica. Queen of Primroses. Handsome flowers 1 inch in diameter, of an endless variety of color. Finest mixed	10
Vulgaris. The Yellow English Primrose. Very fragrant	10

PYRETHRUM (LARGE-FLOWERING VARIETIES).

Handsome herbaceous perennials, bearing large flowers 3 to 4 inches across, ranging in color from light pink to deep crimson. Fine for cutting.

	Pkt.
Hybridum, Single Mixed. Best sorts	$0 10
Hybridum, Double Mixed. Extra choice	25

YELLOW-LEAVED VARIETIES.

	Pkt.
Aureum. The well-known Golden Feather. Bright yellow foliage. Extensively used for carpet bedding, edgings, etc.	$0 10
Selaginoides. Beautiful fern-like yellow foliage	10

RHODANTHE.

Graceful everlastings, admirably suited for pot culture in winter and for the garden in summer. Succeed best in a light, rich soil. Valuable for dried bouquets.

	Pkt.
Maculata. Bright rose, with dark center	$0 10
Maculata alba. White	10
Mixed Colors	10

RIVINIA HUMILIS.
(Rouge Plant.)

A pretty pot-plant, bearing racemes of white flowers, followed by beautiful bright scarlet berries. Pkt. 25 cts.

Salpiglossis.

Salvia Bonfire.

Ricinus.

RICINUS.
(Castor Oil Plant.)

Magnificent rapid-growing foliage plants, with palm-like leaves and brilliant colored fruit. In centers of beds or as single specimens on lawns, they produce a fine effect.

	Pkt.
Borboniensis arboreus. Large dark green leaves. 15 ft.	$0 05
Cambodgensis. The finest of the dark foliage varieties. Leaves and stems are almost black. 5 feet	05
Gibsoni. Dark red foliage. 5 feet	05
Giganteus. Leaves of immense size. 12 feet	05
Sanguineus. Blood-red fruit, very ornamental. 10 feet	05
Mixed Varieties. In all colors . . oz. 20c.	05
Zanzibariensis. A new and distinct class with gigantic leaves 2 to 2½ feet across. Finest mixed . . . oz. 25 cts.	05

SALVIA.

One of the finest of all blooming plants, being literally a mass of highly colored flowers from early summer until killed by frost.

	Pkt.
Bonfire, or Clara Bedman. Without doubt the finest Salvia yet introduced. Very dwarf and compact, growing about 2 feet high and covered with long spikes of dazzling scarlet flowers	$0 10
Splendens. Scarlet Sage. Bright scarlet flowers borne in long spikes, forming a brilliant blaze of color until frost	$0 05
Coccinea lactea. White. Very fine	10
Patens. Exquisite blue	15

SALPIGLOSSIS.

Very showy bedding plants, growing about 1½ feet high and bearing throughout the season large funnel-shaped flowers, beautifully marked and penciled. Finest mixed. Pkt. 5 cts.

SANVITALIA PROCUMBENS FL. PL.

A beautiful little plant, well adapted for small beds and rockwork. The flowers are large in proportion to the size of the plant, and are of a rich golden yellow color. Thrives best in a light, rich soil, and continues in bloom during the summer and autumn months. Hardy annual. ½ foot. Pkt. 10 cts.

SAPONARIA CALABRICA.

Free blooming dwarf annual, producing masses of minute cross-shaped rose-colored blossoms; admirable for bedding. Pkt. 5 cts.

SCABIOSA (Mourning Bride).

Showy border plants producing in great profusion large, double flowers in all the shades of white, carmine, lilac, maroon, etc. Excellent for cutting.

	Pkt.
Tall Mixed. A choice variety of colors	$0 05
Dwarf Mixed. Large double flowers	05
Caucasica. Splendid hardy perennial. Flowers delicate lilac-blue	10

Scabiosa.

SCHIZANTHUS.

Elegant free-blooming annuals. Large fringed flowers, marked and spotted with crimson, purple, yellow and lilac. 1½ to 2 feet. Fine mixed. Pkt. 5 cts.

Stocks.

SEDUM CŒRULEUM (Stonecrop).

Very interesting and useful little plant, growing freely on rockwork, old walls, etc. Blue flowers. Hardy annual. Pkt. 5 cts.

SENSITIVE PLANT. See *Mimosa pudica.*

SMILAX.

A beautiful and graceful perennial climber for the greenhouse or window-garden. Indispensable for bouquets and floral decorations and wreathing of all sorts. Pkt. 10 cts.

STOCKS.

These popular favorites are so easily grown, so deliciously fragrant and of such great beauty that they should have a place in every garden. Very profuse bloomers, and are unsurpassed for bedding, edging or pot culture.

DWARF LARGE-FLOWERING DOUBLE TEN WEEKS STOCKS.

	Pkt.		Pkt.
Pure White	$0 10	**Canary-Yellow**	10
Blood-Red	10	**Bright Rose**	10
Violet	10	**Light Blue**	10

Double Mixed Large-Flowering Dwarf	10
Dwarf German Ten Weeks. Fine mixed	05
Wallflower-Leaved. Pure white. Extra fine	15
" " Crimson	15
" " Finest mixed	10
Boston Market. Handsome, pure white; very fragrant	15

Snowflake. A beautiful dwarf-growing variety, with large double snow-white flowers. Very early and excellent for forcing . Pkt. $0 15

Princess Alice (Cut and come again). A perpetual bloomer, growing about 2 feet high, and producing from spring till frost beautifully shaped double pure white flowers. It throws out numerous side branches which bear clusters of bloom, and thrives best when freely cut 10

Giant Perfection. Splendid variety of pyramidal growth. 2½ feet. Finest mixed . 15

OTHER VARIETIES OF STOCKS.

Intermediate. Autumn-flowering. Mixed	10
Brompton, or Winter. Finest mixed	10
Emperor, or Perpetual. Large flowers. Mixed	10

IMPORTED COLLECTIONS OF STOCKS.

Dwarf Large-Flowering Ten Weeks. Twelve varieties	75
Wallflower-Leaved Ten Weeks. Ten varieties	60
East Lothian. Autumn-flowering. Four varieties	50
Brompton, or Winter. Twelve varieties	75
Emperor, or Perpetual. Six varieties	50

SUNFLOWER.

Well-known plants, remarkable for their stately growth and brilliancy of their flowers Very effective when planted among shrubbery or as screens.

	Pkt.
Cucumerifolius. Of dwarf, branching habit; grows about 3 feet high and blooms profusely throughout the summer. Flowers orange-yellow, with black center	$0 10
Mammoth Russian. Enormous flowers . . . . . oz. 10 cts.	05
Primrose Color. Of branching habit; flowers delicate sulphur-yellow, with black center. Very attractive	10
Variegated Foliage. Very ornamental. 4 feet	05
Double Californian. Orange. 5 feet . . . . . oz. 25 cts.	05
Globe-Shaped Double. Saffron. Finest of all. 6 feet . . . . . oz. 30 cts.	05
Double Dwarf. Very double, golden yellow flowers. 3 to 4 feet	05

Sunflowers.

ELLIOTT'S Rainbow Sweet Peas are up to date, and comprise all the brightest colors and largest-flowering kinds.

SWEET PEAS.

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about 1 inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

Elliott's Selected Sweet Peas.

Prices for all named varieties: 5 cts. per pkt., 10 cts. per oz., 25 cts. per ¼ lb.

America. Large flower, bright blood-red, striped white.
Apple Blossom. Standard rosy pink, blush wings.
Blanche Burpee. Pure white; immense size.
Blanche Ferry. Pink and white; free-flowering.
Blanche Ferry Extra-Early. Same color as preceding, but fully ten days earlier. Fine for forcing under glass.
Boreatton. Standard bronzy crimson; wings purple-lake.
Brilliant. Bright scarlet.
Bronze King. Standard coppery bronze; wings white.
Butterfly. White, edged with lavender.
Captivation. Beautiful light magenta.
Captain of the Blues. Purplish blue; very fine.
Celestial. Standard delicate lavender-blue; wings silvery lavender.
Countess of Radnor. Beautiful pale lavender.
Crown Jewel. Creamy white, veined with violet-rose.
Cupid White. Dwarf; fine for pot culture.
Cupid Pink. Similar to the above, except in color.
Dorothy Tennant. Deep rosy heliotrope; very beautiful.
Emily Henderson. Pure white; blooms early and abundantly
Firefly. Brilliant scarlet.
Gaiety. White, striped rosy lilac.
Golden Gleam. Deep primrose. The best yellow.
Gorgeous. Orange-salmon, shaded rose.
Gray Friar. Beautiful watered purple on white ground.
Her Majesty. Clear rose-pink, shaded crimson.
Katherine Tracy. Soft, but brilliant pink.
Lady Marie Currie. Deep orange-pink, shaded rosy lilac.
Lottie Eckford. White, suffused and edged lavender.
Lovely. Beautiful soft shell pink.
Meteor. Standards bright orange-salmon, wings pink.
Mrs. Eckford. Charming primrose-yellow.
Mrs. Sankey. Large white flowers, seeds black.
Mrs. J. Chamberlain. White, striped and flaked rose.
Navy Blue. Deep violet-blue. The finest blue of all.
Othello. Deep glossy maroon.
Ramona. Creamy white, splashed with soft shell pink
Salopian. Splendid brilliant-scarlet. Finest of the reds.
Senator. White, striped chocolate.
Sensation. White, suffused with faint blush.
Stanley. Rich dark maroon. The finest dark variety.
Stella Morse. Creamy white, tinged with pink.
Venus. Lovely salmon-buff, shaded pink.
Wawona. Beautiful heliotrope, striped white; distinct.

Cupid Sweet Pea.

Mixed Sweet Peas.

Elliott's Rainbow Mixture. Without question the finest mixture ever offered and cannot fail to give satisfaction. It contains only the best varieties of American and English introductions; remarkable for the size, form and brilliancy of their flowers. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. $1.

Eckford's Hybrids, Mixed. Choice varieties. Pkt. 5c., oz. 10c., ¼ lb. 25 c., lb. 75c.

Fine Mixed. Standard sorts. Pkt. 5cts., oz. 10 cts., ¼ lb. 15 cts., ½ lb. 25 cts., lb. 40 cts.

SOLANUM.

A handsome genus of ornamental foliage and fruit-bearing plants, which grow freely in any good, rich soil.

Pkt.

Capsicastrum. Scarlet fruits almost completely covering the plants $0 10

Little Gem. Dwarf habit, 9 inches high. Berries globular, bright scarlet and of the size of a Red Currant; highly ornamental . . . 15

STEVIA.

Free-flowering plants for pot or border culture, extensively grown by florists for cut-flowers. Bloom from seed the first season. Tender perennials.

Pkt.

Purpurea. Purple; very fine $0 10

Serrata. Pure white, sweet-scented 10

SWEET ROCKET.

Fragrant free-flowering hardy perennial, blooming early in the spring and thriving in any common garden soil.

Pkt.

Sweet Rocket. Purple $0 05

" " White 05

" " Mixed 05

SWEET SULTAN.

Pretty border annuals, with long stems and sweet-scented flowers. Excellent for cutting. 1½ feet.

Pkt.

Purple $0 05

White 05

Suaveolens. Beautiful yellow $0 05

Mixed Colors 05

SWEET WILLIAM (Dianthus barbatus).

A well-known free-flowering favorite; the great improvements upon the old varieties made within the last few years have rendered it still more desirable. Hardy perennial. 1½ feet.

Pkt.

Auricula-Flowered. A very handsome variety, producing immense trusses of bloom $0 10

Double-Flowering. Mixed $0 10

Nigricans. Dark crimson . . 10

White. Useful for bouquets . 10

Fine Mixed . . . oz. 40 cts. . 05

TACSONIA.

A handsome climber for the house or conservatory, closely allied to the Passion Flower, and flowering abundantly the whole season. They require a fine, rich loam, plenty of light and moisture. Half-hardy perennial. 10 feet.

Pkt.

Ignea. Scarlet . $0 25

Von Volxemi. Large-flowered; bright scarlet . . . 25

TAGETES.

Charming little plants, with delicate fern-like foliage forming compact bushes covered with neat, bright colored blossoms. Half-hardy annuals. 1 feet.

Pkt.

Pumila. Brown and yellow; very compact grower. $0 10

Golden Ring. Rich orange; an abundant bloomer. 10

Vinca.

THUNBERGIA.

Beautiful rapid-growing climbers that flower very freely all the season, and are fine for hanging baskets, vases or greenhouse culture. Half-hardy annuals.

Pkt.

Alata. Yellow, with dark eye $0 05

Aurantiaca. Bright orange, with dark eye 05

Bakeri. Pure white . . . $0 05

Sulphurea. Sulphur-yellow, dark eye 05

Freyeri. Buff 05

Finest Mixed . . oz. 40 cts. . 05

TORENIA.

Tender trailing plants for vases, baskets, or for the open ground, being covered the entire season with a mass of bloom.

Pkt.

Fournieri. Sky-blue flowers, with three spots of dark indigo-blue and a bright yellow center $0 25

Bailloni. A very pretty and distinct species, bearing bright yellow flowers, with purplish brown throat . . . 25

White Wings. Unusually attractive; pure white with flush of rose at the throat 25

TRITOMA UVARIA GRANDIFLORA.

(Red-Hot-Poker Plant.)

A splendid half-hardy autumn flowering plant, producing magnificent spikes of bright orange-red flowers. Very effective when planted in clumps on the lawn or among shrubbery. 4 to 5 feet. Pkt. 10 cts.

VERBENA.

The Verbena is deservedly a universal favorite, very few plants making a more gorgeous display of brilliant flowers from spring till late in the autumn. Blooms profusely from seed the first season.

Elliott's Mammoth Mixed. Saved from the choicest large-flowering varieties and contains all the newest and most striking colors. Pkt. 10 cts.

Pkt.

White $0 10

Scarlet 10

Striped 10

Pink $0 10

Purple 10

Mixed 05

VALERIAN.

Showy plants for mixed borders, bearing large heads of bright colored flowers. Hardy perennials. Mixed colors. Pkt. 5 cts.

VINCA.

These beautiful greenhouse perennials may be treated as tender annuals for the garden. If sown in the house or under glass, and strong plants are set out early in a warm situation, they will flower all the summer and autumn.

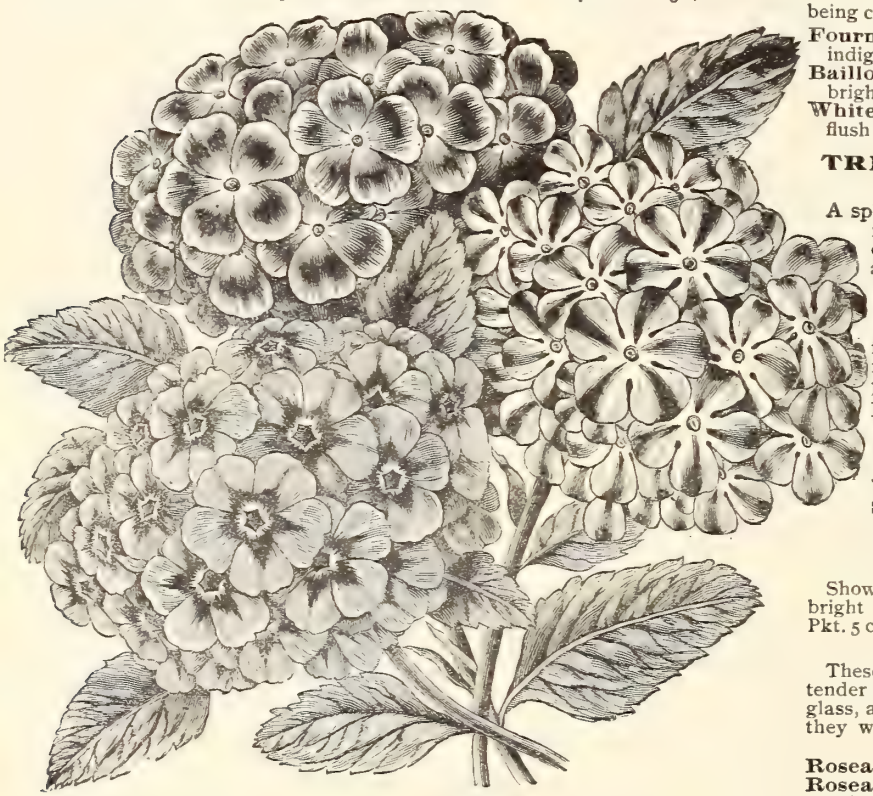
Pkt.

Rosea. Rose $0 10

Rosea alba. White, red eye 10

Alba pura. Pure white $0 10

Mixed Varieties . . . 10



Verbena.

Wallflower.

WALLFLOWER.

The long flower spikes of the Wallflower are very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant, and combine many shades of orange, purple and chocolate. Hardy perennial. 1½ feet.

	Pkt.
Double Branching. Finest mixed.	$0 10
Collection of Double Wallflowers, six separate colors	50
Single. Fine mixed	05
Single Annual Wallflowers. This variety will flower through the summer and fall from seed sown the same spring. Very fragrant yellow flowers.	$0 10

WAHLENBERGIA (Platycodon).

Showy hardy perennials producing large bell-shaped, blue or white flowers. Very handsome.

	Pkt.
Grandiflora, Blue, White, or **Mixed** . . . . . Each	$0 10
Nana compacta. Violet-blue; dwarf and compact	10

XERANTHEMUM.

Very free-blooming everlastings. Excellent for winter bouquets. Mixed colors. Pkt. 5 cts.

ZEA JAPONICA VARIEGATA.

Handsome foliage plant with beautifully striped green and white leaves. Fine for mixed beds and borders. Pkt. 5 cts.

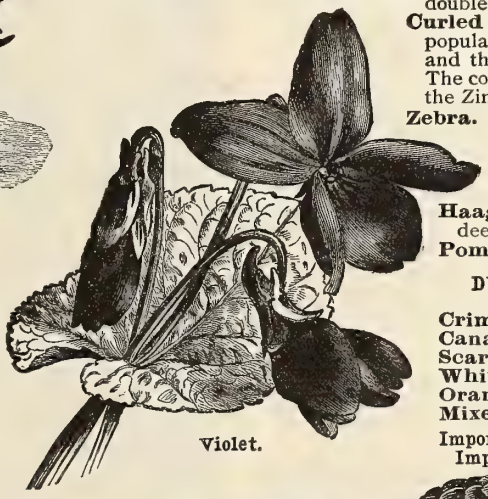
ZINNIA (Youth and Old Age).

This is one of the most brilliant summer-flowering plants, and has long been a general favorite. The flowers are large, very handsome and in a great variety of colors. They succeed best in a rich, loamy soil and in a sunny situation.

	Pkt.
Mammoth Flowering (Robusta grandiflora.) Extra large, perfectly formed double flowers. Very fine. Mixed colors	$0 10
Curled and **Crested.** A splendid new variety of this popular plant. The flowers are large, very double and the petals most gracefully twisted and curled. The colors comprise all the shades characteristic of the Zinnia. Mixed	10
Zebra. Large double flowers of orange, crimson, yellow, white, etc., three-fourths of which are striped and spotted with different shades, presenting a curious, as well as beautiful appearance. Mixed	10
Haageana. A handsome double variety, with deep orange-yellow flowers	10
Pompone. Pretty cone-shaped flowers. Mixed	10

DWARF DOUBLE.	Pkt.	TALL DOUBLE.	Pkt.
Crimson	$0 05	**Crimson**	$0 05
Canary Yellow	05	**Canary Yellow**	05
Scarlet	05	**Scarlet**	05
White	05	**White**	05
Orange	05	**Orange**	05
Mixed . Per oz. 75c.	05	**Mixed** . Per oz. 40c.	05

Imported collection of six Dwarf Double varieties, 25c.; Imported collection of six Tall Double varieties, 25c.



Violet.

VIOLA (Violet).

Well-known fragrant, early spring-blooming plants, thriving best in a partially shady situation. Hardy perennials.

	Pkt.
Odorata. Sweet-scented Violet, blue	$0 10
Cornuta. Mauve-colored	10
" **alba.** Snow-white	10
Lutea splendens. Yellow	10
Finest Mixed	10

VIRGINIAN STOCK.

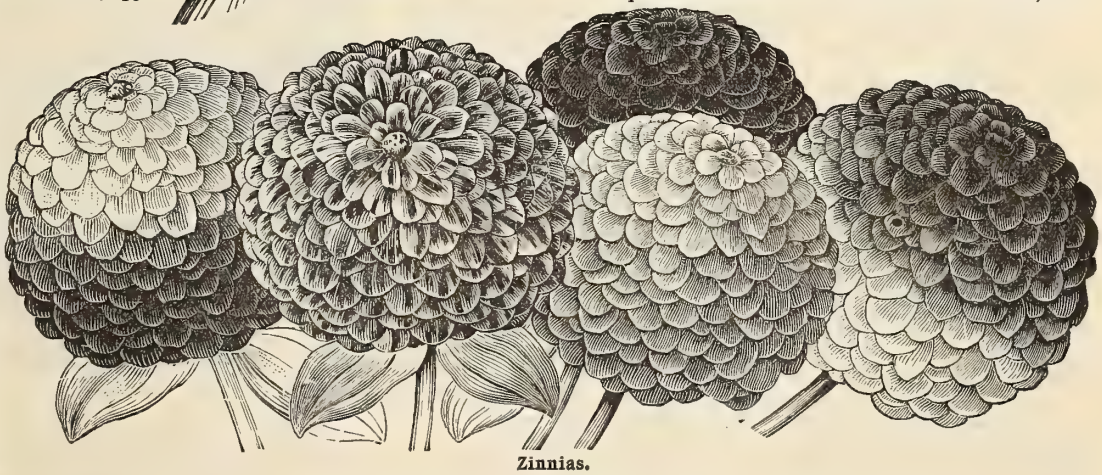
Charming dwarf free-flowering plants, extremely effective in small beds or edgings. Annuals.

	Pkt.
Red	$0 05
White	05
Crimson King	05
Mixed	05

WIGANDIA.

Magnificent ornamental foliage plants, with immense richly veined leaves. Much used in subtropical gardens.

	Pkt.
Caracasana. Blue flowers. 6 feet	$0 10
Imperialis. A splendid sort. 6 feet	10



Zinnias.

Grasses and Clover Seeds.

PRICES SUBJECT TO MARKET CHANGES.

Awnless Brome Grass (*Bromus inermis*). Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. It has also proved one of the hardiest grasses. Will succeed in a wider range of temperature than any other grass. (14 lbs. per bus.) Lb. 20 cts., 100 lbs. $16, bus. $2.50.

Bermuda Grass (*Cynodon dactylon*). A most valuable grass for our southern states, both for pasture and lawns. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a matting of fine turf, which no amount of trampling will impair. Should be sown at the rate of 15 lbs. per acre. (35 lbs. per bus.) Lb. 80 cts., 100 lbs. $70.

Creeping Bent, or Fiorin (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses, as it thrives in moist land on which water does not stagnate. (15 lbs. per bus.) Lb. 35c., 100 lbs. $30, bus. $4 50.

Crested Dog's Tail (*Cynosurus cristatus*). Should enter in moderate quantity in permanent pasture mixtures, and in larger quantities for lawns, as it possesses, in a marked degree, all the desirable features of a good lawn grass. (21 lbs. per bus.) Lb. 40 cts., 100 lbs. $35, bus. $7.50.

Fowl Meadow Grass (*Poa serotina*). Suitable for low, moist land. May be mowed any time from July to October. Cattle and sheep are fond of it. Succeeds best when mixed with other grasses. (12 lbs. per bus.) Lb. 35 cts., 100 lbs. $30, bus. $4.

Hard Fescue (*Festuca duriuscula*). A dwarf-growing grass of great value, succeeding well in dry situations. Has a wonderful root formation, forming a dense fibrous mat. (12 lbs. per bus.) Lb. 25c., 100 lbs. $20, bus. $2.50.

Hungarian Grass (*Panicum Germanicum*). A species of annual millet, often yielding two or three tons of hay per acre. It is very popular and valuable with those who are clearing timber lands. Sow and cultivate like millet. (48 lbs. per bus.) Lb. 10 cts., 100 lbs. $2.50, bus. $1.25.

Italian Rye Grass (*Lolium Italicum*). Thrives in any soil and yields early and abundant crops. Sown in the fall, will produce an excellent hay crop the following season, but lasts only one year. (18 lbs. per bus.) Lb. 12 cts., 100 lbs. $10, bus. $2.

Kentucky Blue Grass (*Poa pratensis*). This is the most nutritious, hardy and valuable of all northern grasses. In conjunction with white clover, it forms a splendid lawn; for this purpose use four bushels of Blue Grass and six pounds of White Clover per acre. If sown by itself for pasturage, about forty-five pounds per acre will be required. (14 lbs. per bus.) Lb. 15 cts., 100 lbs. $12, bus. $1.75.

Meadow Fescue, or English Blue Grass (*Festuca pratensis.*) This is an excellent grass, of great value in mixtures for permanent pastures; productive and nutritious. (22 lbs. per bus.) Lb. 15 cts., 100 lbs. $14, bus. $3.25.

Meadow Foxtail (*Alopecurus pratensis*). One of the best permanent pasture grasses for rich moist land; grows rapidly when cut or eaten down by stock. (7 lbs. per bus.) Lb. 30 cts., 100 lbs. $25, bus. $2.

Orchard Grass (*Dactylis glomerata*). One of the very best pasture grasses, as it is exceedingly palatable to stock, and will endure a good deal of cropping; particularly adapted for growing in shady, moist places or under trees. (14 lbs. per bus.) Lb. 20 cts., 100 lbs. $17, bus. $2.40.

Perennial Rye Grass (*Lolium perenne*). Valuable for permanent pasture, in mixture with other pasture grasses, as it adapts itself to a great diversity of soils; produces a strong, verdant growth four or five weeks after sowing. (24 lbs. per bus.) Lb. 12 cts., 100 lbs. $9, bus. $2.

Red Top (*Agrostis vulgaris*). A good permanent grass, standing our climate well, and makes good pasture when fed close; grows in almost any soil, moist or dry. (14 lbs. per bus.) Lb. 14 cts., 100 lbs. $12, bus. $1.75.

Fancy Heavy Red Top. Absolutely clean and free from chaff. (32 lbs. per bus.) Lb. 25 cts., 100 lbs. $20, bus. $6.50.

Rhode Island Bent Grass (*Agrostis canina*). Resembles Red Top, but is of dwarfer habit, with shorter and narrower leaves. It makes a beautiful, close, fine turf, and is one of the very best grasses for lawns. (14 lbs. per bus.) Lb. 30c., 100 lbs. $25, bus. $4.

Rough-Stalked Meadow Grass (*Poa trivialis*). A spreading, thickly matting, stoloniferous-rooted species, forming a fine turf, and well adapted for the more shaded portions of lawns. It thrives on rich, moist soil, and in sheltered situations, but does not do well on dry land. (14 lbs. per bus.) Lb. 40 cts., 100 lbs. $35.

Sheep's Fescue (*Festuca ovina*). A small, tufted, hardy grass, forming a cluster of narrow, cylindrical leaves, of value in mixture for lawns or dry soil. (12 lbs. per bus.) Lb. 25 cts., 100 lbs. $20, bus. $2.50.

Sweet Vernal Grass. True Perennial (*Anthoxanthum odoratum*). The chief merit of this grass lies in its fragrant odor. As a mixture for lawns and pasture lands, it is invaluable. (10 lbs. per bus.) Lb. 85 cts., 100 lbs. $75, bus. $7.50.

Tall Meadow Oat Grass (*Avena elatior*). A valuable grass for soiling or permanent pasture; of early and luxuriant growth. (10 lbs. per bus.) Lb. 25 cts., 100 lbs. $20, bus. $2.25.

Timothy (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils it will produce more than any other sort. (45 lbs. per bus.) Lb. 10 cts., 100 lbs. $8, bus. $3.75.

Wood Meadow Grass (*Poa nemoralis*). Specially adapted for shaded positions in lawns or under trees. Much relished by cattle, and highly nutritious; produces a thick growth, and should be included in mixtures for permanent pastures. (14 lbs. per bus.) Lb. 40 cts., 100 lbs. $35, bus. $5.

CLOVERS.

Crimson, or Scarlet (*Trifolium incarnatum*). An annual variety, in common use in the south, for feeding green and for hay, and also found very profitable on the sandy soils of New Jersey. The yield in fodder is immense, and after cutting, it at once commences growing again, continuing until severe cold weather. Sow ten to twelve pounds per acre. Lb. 15 cts. (by mail, 25 cts.), 100 lbs. $12.50.

Alfalfa (Lucerne). Requires a deep, rich soil, and in such will produce several large crops every season; one of the best green fodder plants. Sow 10 to 15 pounds per acre. Lb. 20 cts., 100 lbs. $15.

Alsike Clover (*Trifolium hybridum*). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils. Ten pounds to the acre. Lb. 22 cts., 100 lbs. $18.

Large Red, or Pea Vine Clover (*Trifolium pratense perenne*). The English Cow Grass. A variety for plowing under. Lb. 15 cts., 100 lbs. market price.

Medium Red Clover (*Trifolium pratense*). Is a perennial, but of very few years' duration; is considered the most nutritious of all species, and most valuable in moist locations. Lb. 15 cts., 100 lbs. market price.

White Clover (*Trifolium repens*). Valuable for lawns and pastures. Sow in spring at the rate of six pounds per acre, or when used with other grasses half that amount. Lb. 25 cts., 100 pounds market price.

Bokhara Clover (*Melilotus leucantha*). Valuable for soiling; affords an excellent food for bees throughout the season. Lb. 25 cts., 100 lbs. $20.

Yellow Trefoil (*Medicago lupulina*). May be cultivated either alone or with other grasses. Requires about the same treatment and soil as Red Clover, although thriving in dry and inferior soils. It sprouts very early in spring, and is considered a fine pasture for sheep. Fifteen pounds to the acre. Lb. 20 cts., 100 lbs. $15.

Japan Clover (*Lespedeza striata*). A low perennial grass of spreading habit. It flourishes on the poorest soils, and is valuable only in the south, as it is not hardy north of Virginia. Lb. 30c., 100 lbs. $25.

Elliott's Finest Mixtures of Grass Seeds for Hay and Permanent Pasture.

The importance to the farmer of a good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasture, etc., cannot be overestimated. We prepare special mixtures containing only the most suitable grasses for permanent pastures and meadow-lands, such as Orchard Grass, Meadow Foxtail, Sheep's Fescue, R. I. Bent, Meadow Fescue, English Rye Grass, Perennial Sweet Vernal and Red-Top in such proportions as will insure the most satisfactory results, producing the heaviest possible crops of hay, far superior to seeding with Timothy and Clover alone, and for permanent pastures allowing of the closest grazing without injury. On ordinary fertile soil sow three bushels per acre; where the soil is poor larger quantities are required.

$2.50 per bushel.

With the above should be sown ten pounds of mixed clovers per acre (which cost about 15 cts. per pound). On account of the greater weight of Clovers they should be sown separately and only in the spring, as they are inclined to winter-kill unless well established.

GRASSES AND FORAGE PLANTS. By Chas. L. Flint. Description of varieties and directions for the management of grass-lands, etc. Price $2.

FOR LAWN MIXTURES, SEE SECOND PAGE COVER.

Summer-Flowering Bulbs and Plants

GLADIOLUS.

The Gladiolus, with its beautiful flowers, clustered on tall spikes which are two feet or more in height, is the most beautiful of the summer-flowering bulbs. The flowers are of almost every conceivable color,—brilliant scarlet, crimson, creamy white, striped, blotched and spotted in the most curious manner. Set the bulbs from nine to twelve inches apart, and about four inches deep. Plant from middle of April to first of June. In the fall before hard frosts, take up the bulbs, remove the tops, and leave to dry in the air for a few days, and store in some cool, dry place, secure from frost until spring.

Gladioli.

	Each	Doz.
Africain. Darkest crimson-black; pure white blotch in the throat; large flower and spike; striking and effective	$0 15	$1 25
Amalthee. Pure white, with violet-red blotch; ground of the corolla velvety violet, the lower petals slightly tinted with lilac	15	1 25
Bicolore. Large flowers of bright rosy salmon, except lower petals, which are ivory-white, suffused with rose at edges	$0 20	2 00
Brenchleyensis. Vermilion-scarlet; fine old variety. per 100, $1.50	05	40
Cameleon. Fine, compact truss of large, slaty lilac flowers, flamed orange, white bands down the middle of each petal; large, creamy white blotch, streaked violet	10	1 00
Canary Bird. Finest yellow	20	1 75
Ceres. Pure white, spotted with purplish rose . per 100, $2	05	40
Chamont. Lilac, shaded with purple	15	1 25
Chrysolora. Golden yellow, pure and distinct. The finest yellow variety	30	3 00
Conquete. Large and fine flower of bright cherry-red, with a conspicuous pure white blotch, upper petals striped with delicate rose	10	1 00
Eugene Scribe. Flowers very large and wide; perfect tender rose, blazed carmine-red; extra fine	15	1 25
Fatma. Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy salmon; violet blotch	10	1 00
Flamboyant. Beautiful spike of large flowers, fiery scarlet; very effective variety	15	1 25
Grand Rouge. Enormous spike, and flower of the most perfect shape and intense scarlet, with small violet blotch in throat. The grandest of all scarlets	10	1 00
Isaac Buchanan. Very fine yellow. per 100, $4	10	75
John Bull. White, slightly tinged with sulphur	05	50
Lamarck (de). Cherry, lightly tinted with orange, blazed with red; center is very well lighted; very large, pure white stain	10	1 00
Leander. Large flower of lilac color, beautifully shading off to carmine; distinct white band in each petal, and conspicuous white blotch	15	1 50
Loredan. Bright cherry-rose flowers, speckled with creamy white, and slightly shaded with slate color at the edges of the petals	20	2 00
Madame Monneret. Delicate rose. per 100, $2	05	40
Martha Washington. Light yellow, of large size, in a well-arranged spike; lower petals tinged with rose	10	1 00
Meyerbeer. Brilliant scarlet, flamed with vermilion; amaranth-red blotch	15	1 50
May. A lovely pure white flower, faintly flaked with bright rosy crimson; largely used for forcing	10	1 00
Napoleon III. Bright scarlet; white line in each petal. per 100, $2	05	40
Octoroon. A beautiful salmon-pink; very distinct	10	1 00
Panorama. Large spike of well-arranged flowers; beautiful lilac, shaded and mottled with brilliant carmine; throat creamy white; center of each petal banded white	15	1 50
Pepita. Bright golden yellow flowers, slightly striped carmine at the edges of the petals toward the end of the flowering season	10	1 00
Shakespeare. White, very slightly suffused with carmine-rose; large, rosy blotch	15	1 50
Snow-White. The only absolutely pure white Gladiolus in existence; has large, open flowers, and an enormous spike of the most perfect and beautiful shape	20	2 00
Zampa. Fine, open flowers, which are often double; beautiful tender rose, mottled at the edges with carmine; purplish carmine feather	20	2 00

ELLIOTT'S ECLIPSE COLLECTION! $3.50 Can secure one each of the above thirty choice varieties of Gladioli, free by mail or express, to any address in the United States, or countries with which the United States has parcel post communication. Any twelve varieties will be sent for $1.50.

Gladiolus in Mixtures.

These bulbs are all selected first size and adapted to either bedding or forcing.

	Doz.	100
White and Light varieties mixed	$0 50	$3 00
Scarlet and Red; extra fine varieties	30	1 75
Pink and Rose, all shades	50	3 00
Yellow and Orange, all shades	60	4 00
Striped and Variegated, extra fine	50	3 50

Mixed All Colors.

Fine Quality	25	1 50
Extra Superfine Quality	30	2 00

Gladiolus Childsi.

It is difficult to describe flowers of such varied and peculiar beauty as these Gladioli. They are very tall and erect, often standing four or five feet high, with spikes of bloom over two feet in length. The flowers are of great substance and of gigantic size, frequently 7 to 9 inches across. Orchids cannot surpass them in their varied and delicate shades, markings, and blendings. From every quarter come words of warmest praise for their unexcelled magnificence. Choice mixed. Per doz. 40 cts., per 100 $3.

Gladiolus, Groff's Hybrid Seedlings.

Deservedly the most popular strain in America. After keen competition was awarded certificate of merit at the convention of American Florists, held in New York. The stock now offered has been supplied by Mr. Groff's representative and grower in the United States, and is strictly reliable and first-class in every way. Per doz. 50c., per 100 $3.

Gladiolus, Lemoine's Hybrids.

Aptly named the Butterfly or Orchid Gladiolus, on account of the marvelous beauty of the fantastic markings and blendings of every shade of color. This mixture is chiefly made up from varieties of recent introduction, and will give perfect satisfaction. Per doz. 25 cts., per 100 $2.

Hybridized Gladiolus Seed. Packets containing 100 seeds, 25 cts.

DAHLIAS.

Six New Creations in Dahlias.

New Decorative Dahlia, "Admiral Dewey." Brilliant imperial purple. Of fine form, a strong grower, and by far the best of its class. 25 cts. each.

New Decorative Dahlia, "Xanthia." A noble variety, often measuring 6 inches across; color deep, bright crimson, slightly suffused maroon; each petal is either tipped or banded through the center with royal purple. One of the most distinct and striking in this beautiful section. 25c. each.

New Cactus Dahlia, "The Queen." A pure snow-white Cactus Dahlia, with petals rather broader than some of the colored varieties, but beautifully pointed and twisted. It is an elegant flower; has long, stiff stems, which throw the flowers well above the foliage. 35 cts. each.

New Fancy Dahlia, "Lady Arlington." Dark, velvety crimson, each petal heavily tipped with white; a full, round flower, with high center. One of the very finest of the fancy section. 25 cts. each.

New Pompon Dahlia, "Little Beauty." One of the most beautiful quilled Pompon Dahlias ever offered. A perfect-shaped flower of a lovely soft pink color; an early, continuous and free bloomer. 25 cts. each.

New Show Dahlia, "Storm King." This superior variety is an extremely early, profuse and constant bloomer, a strong, vigorous grower of dwarf, branching habit, and produces its flowers on long stems. The flowers are snow-white, of perfect form and full to the center. As a cut-flower variety, it is the florist's ideal, while for grouping or as a specimen plant it is far ahead of any other white Show Dahlia. 30 cts. each.

New and Rare Cactus Dahlias.

20 cts. each, $2 per doz.

Beatrice Martin. White, delicately tinged flesh; petals are not long, but twisted in a very irregular and elegant manner.

Iona. A rich terra-cotta, shading to orange; a profuse bloomer, on long stems.

Mrs. Bennett. Soft crimson; a large, well-built flower; petals are broad, but well curled, and show a very fine vein-like marking of a deeper tint.

Mrs. Montefiore. A splendid, rich, glowing crimson-scarlet, darker than above; beautifully twisted form. Throws its flowers well above the foliage.

Mrs. Barnes. Long, twisted, narrow petals, of a lovely clear primrose, shading to palest rosy pink.

Bertha Mauley. Scarlet, overlaid crimson-purple; beautifully twisted petals.

Blanche Keith. Beautiful pure yellow; of largest size; twisted petals.

Ernest Cannell. Large, well-shaped flowers of true Cactus form; a distinct shade of soft red, deepening toward the center; bushy habit; distinct.

Gloriosa. Medium to large size, with long, narrow, twisted petals; deep, bright red, shaded scarlet.

Juarezi. Original Cactus Dahlia. Deep scarlet-crimson.

Mrs. Peart. A true Cactus variety. Creamy white; entirely distinct.

St. Catherine. True Cactus, with long, spiral-pointed petals, very large; deep yellow, shaded red.

Twelve Best Decorative Dahlias.

20 cts. each, $2 per doz.

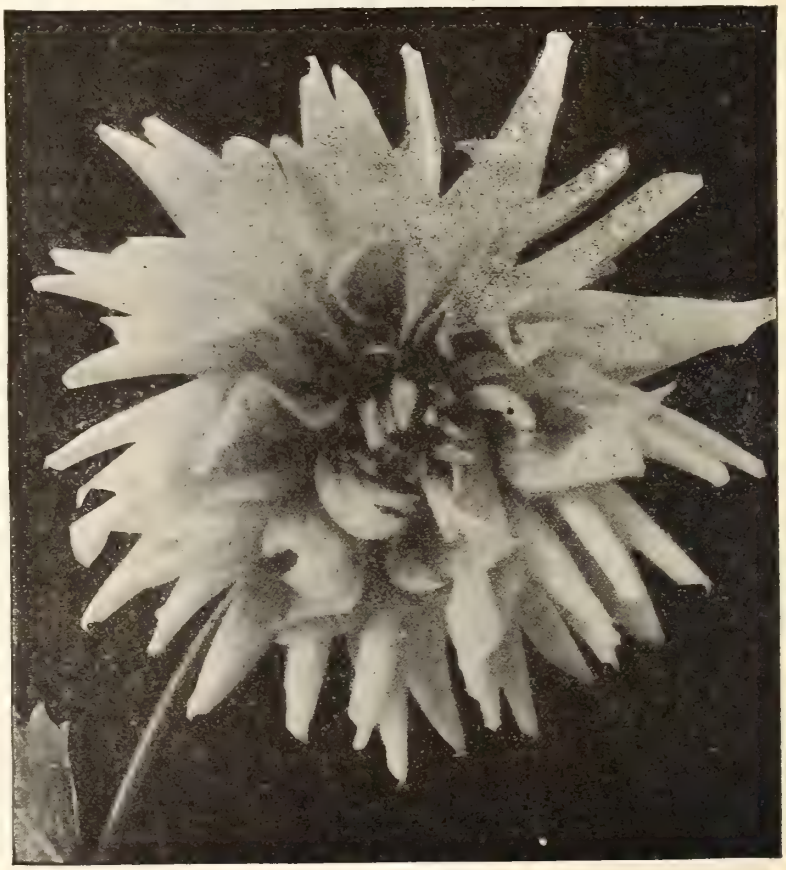
Clifford W. Bruton. The best yellow; of immense size, perfect form, and of the finest canary-yellow. A tall, vigorous grower and extremely free bloomer. Should be in every collection.

Maid of Kent. Cherry-red, tipped white; sometimes a solid color, when it is a superb red.

Marchioness of Bute. Very pretty; pure white, heavily tipped deep pink.

Miss Barry. Large, full to the center and of beautiful color—deep rosy lake; petals twisted.

Mrs. Geo. Reed. Pure white, beautifully edged and flaked soft rosy lake; the petals overlap each other, and are deeply cleft.



New Cactus Dahlia.

DECORATIVE DAHLIAS, continued.

Nymphæa. By far the most delicately beautiful Dahlia ever introduced; more extensively grown for cut-flowers than all others combined. The flowers are of medium to large size, always full to the center, resembling the ideal pink water-lily. The color is a clear, distinct, light shrimp-pink, tinted lighter toward the center.

Oban. Very large; rosy lavender, suffused and overlaid silvery fawn.

Red and Black. A new and entirely distinct combination. Deep, glowing crimson, heavily margined jet black; as the flowers fully open, the crimson changes to deep wine-red and the margin to black-maroon; the flowers are of beautiful form. One of the most striking and effective of all Dahlias.

Rayon d'Or. Rich orange, striped white; sometimes one solid color; very striking.

Sundew. Bright orange-salmon.

William Agnew. Finest red ever introduced. Of intense, glistening scarlet-crimson, immense size, perfect form and always a mass of color.

Zulu. Rightly named the "Black Dahlia." Jet black, changing to black-maroon as the flowers fully expand. Of fine form and full to the center.

Twelve Best Standard Fancy Varieties.

20 cts. each, $2 per doz.

Arrah Na Pogue. Large; maroon, tipped white.

Elegans. Rosy purple, tipped and banded white; quilled petals.

General Grant. Very large; yellow, suffused amber, striped crimson.

Keystone. Pink, striped crimson; large; fine.

Lucy Fawcett. Light yellow, striped rosy magenta.

Miss Browning. Of exquisite form; pure yellow, tipped pure white.

Mrs. Stancombe. A peculiar and pleasing fancy Dahlia. Straw, suffused amber, striped red; mottled and tipped pinkish white.

Queen Charlotte Canna.

Penelope. White, flaked lavender; most beautiful and chaste; of perfect form, always full to the center; a profuse bloomer on long stems. One of the best for cutting.

Prince Alexander. Pink, striped and penciled dark red.

S. Sickman. Dark maroon, with fringed petals tipped white.

Striped Banner. Crimson-scarlet, tipped white.

Thos. Westcott. Small; profuse blooming; red, tipped white.

Twelve Best Show Dahlias.

20 cts. each, $2 per doz.

A. D. Livoni. Beautiful soft pink, with quilled petals and full to the center; an early and profuse bloomer.

Arabella. An early and profuse-flowering variety, of large size and perfect form; color pale primrose, tipped and shaded old rose and lavender. One of the loveliest of this section.

Density. The petals are so densely arranged that they will last, when cut, longer than any other Dahlia. They are artistically cleft, resembling a fringed ball; the color is a deep pink.

Emily. One of the best; varies from rosy lavender to white, suffused lavender. A large, beautiful and striking flower.

Maid of Orleans. White, suffused purple, edged bright purple.

Mrs. Dexter. Very large; a rich shade of salmon; best of its color.

Model of Perfection. Fine rosy lavender; an extremely profuse bloomer; flowers long-stemmed.

Nero. Dark crimson-maroon.

Psyche. Pale primrose, shaded rose; a dwarf-branching plant and one of the most profuse bloomers. An ideal bedder.

President. White, edged lavender-pink; fine.

Queen of Yellows. A beautiful clear yellow.

White Swan. Pure white, on long stems; strong, vigorous grower.

Twelve Best Single Dahlias.

20 cts. each, $2 per doz.

Novelty (The Fragrant Dahlia). Bright pink, spotted, penciled and striped deep, rich crimson. Fine form and a strong, dwarf grower.

Annie Hughes. Bright sulphur, purple disc.

C. E. Varnum. Very large; red, tipped lighter.

Dearest. Pure yellow, tipped and striped white.

Enchantment. Pretty combination of red and yellow.

Fashion. One of the best high-colored sorts; crimson-maroon, flamed purple; light disc.

Harold. Dark maroon, almost black.

Mrs. L. C. Bassett. Maroon, striped lilac.

Marginata. White, margined dark, rich crimson.

Seratipetal. Bright red; petals cleft at the tips.

Snow Queen. Best pure white.

Yellow Gem. A deep golden yellow.

Double Dahlias in Superb Mixture.

To those not particular about named varieties, these give grand satisfaction. 15 cts. each, $1.50 per doz.

CANNAS.

Ten of the Very Best Varieties.

20 cts. each, $2 for the set of ten.

Allemannia. The flowers measure fully 7 inches across. The petals are a bright yellow, with large blotches of vermilion-orange; these are heavily mottled with scarlet.

America. Bronze foliage, streaked green; flowers orange-salmon, feathered with scarlet.

Alphonse Bouvier. Rich crimson flowers, with bright green foliage.

Bavaria. Unique and distinct; upper petal pure yellow, lower and central petals covered with orange and crimson-scarlet dots; immense flowers.

Florence Vaughan. One of the finest spotted varieties offered; bright, rich golden yellow, spotted with bright red; flowers of large size, perfect form and great substance.

Italia. Enormous flowers; yellow, heavily blotched with red; magnificent foliage.

Madame Crozy. Bright crimson-scarlet, bordered with golden yellow; well-known popular variety.

Martha Washington. A grand new pink Canna with extra large flowers. Very deep, bright pink; most of the flowers have five petals, which are very broad and long. Trusses of largest size and perfectly erect. Distinct and very superior.

Queen Charlotte. Rich scarlet-crimson, banded with bright canary-yellow.

Sam Trelease. The flowers of this variety open out flat, which, with its broad petals, make a large and perfectly circular flower. Color a pure scarlet, with a band of yellow around each petal; rich and glowing.

Dwarf Varieties Mixed. Containing all the leading sorts. Dry roots, 10 cts. each, $1 per doz.; growing plants, 20 cts. each, $2 per doz.

LILIES.

The following list embraces all the leading varieties, and are of the easiest possible cultivation.

If to be sent by mail, add 3 cts. per bulb for postage.

Auratum (The Golden-Rayed Lily of Japan). We offer splendid sound bulbs of this peerless variety, the grandest of all the Lily family. Large-sized, flowering bulbs, 10 cts. each, $1 per doz., $7.50 per 100; extra size, select bulbs, 20 cts. each, $2 per doz., $15 per 100.

Lilium speciosum rubrum.

Candidum. The well-known White Garden Lily; one of the best for gardens. 15c. each, $1.50 per doz.

Elegans. Mixed varieties. Flowers erect, borne in clusters. Colors comprise shades of yellow and red. 10 cts. each, $1 per doz.

Longiflorum. The well-known beautiful, snow-white fragrant Lily; fine for forcing and handsome in the garden. 15 cts. each, $1.50 per doz.

Pardalinum. Bright orange-scarlet, shaded to orange, freely spotted maroon; six to twelve flowers on a stem. 15c. each, $1.50 per doz.

Speciosum album. Pure white and very fragrant variety, with beautifully recurved petals. 20 cts. each, $2 per doz.

Speciosum album præcox. A lovely, pure white Lily, with petals reflexed and slightly tinted pink at the tips; center of the flower is embellished with a fine long fringe. 25 cts. each, $2.50 per doz.

Speciosum Melpomene. Frosted white, spotted and clouded with pinkish crimson; petals deeply recurved and widely bordered. 20 cts. each, $2 per doz.

Speciosum rubrum. Rose, spotted with crimson. 15 cts. each, $1.50 per doz.

Speciosum roseum. White, spotted with rose. 15 cts. each, $1.50 per doz.

Tenuifolium. One of the earliest to flower and most excellent for cutting; beautiful scarlet flowers. 25 cts. each, $2.50 per doz.

Tigrinum splendens. Orange-salmon, spotted black. 10 cts. each, $1 per doz.

Tigrinum flore pleno (Double Tiger Lily). Foliage dark green; very long, bearing an immense number of double bright orange-red flowers, spotted with black. 10 cts. each, $1 per doz.

Wallacei. Flowers rich vermilion-orange, spotted with raised maroon dots. 10 cts. each, $1 per doz.

BEGONIAS, Tuberous-Rooted.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be; they require no more care than geraniums; have a greater range of color, and will bloom continuously throughout the summer, even when geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the geraniums with their rich and brilliant colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet.

Single Varieties in Separate Colors. White, yellow, scarlet, pink, crimson and orange. 15 cts. each, $1.25 per doz.

Double Varieties. A magnificent strain of the finest large-flowering sorts. White, pink, crimson and yellow. 30 cts. each, $3 per doz.

Mixed Single. 10 cts. each, $1 per doz.

Mixed Double. These have rich, heavy flowers as double as roses and of stiff, waxen texture, in various bright colors. 25 cts. each, $2.50 per doz.

GLOXINIAS.

This gorgeous exotic is as easily grown and cared for as many of the common flowers. They will bloom in six weeks from time dry bulb is planted. Keep the bulbs in pots in the house, or on the veranda, in boxes or little frames outside, and you can cut the flowers all summer. The bulbs should be started in a warm place—greenhouse, hotbed or sunny window. They will bloom till late in summer, when they should be dried off, letting the leaves die; the pots can be kept over winter in a cellar free from frost. 15 cts. each, $1.50 per doz.

SPOTTED CALLA.

The leaves are rich, deep green, finely spotted with white. Thus the plant, even when not in flower, is ornamental. It is in all other respects like the favorite old Calla. 15 cts. each, $1.25 per doz.

CALADIUMS (Elephant's Ear).

The *Caladium esculentum* is one of the handsomest of the ornamental-leaved plants. It will grow in any good garden soil, and is of the easiest culture. To gain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. Roots planted in the spring will make good growth in the summer, and in the fall they should be taken up and stored in a cellar. Leaves 3 feet or more in length and nearly as broad. There is nothing so good as this Caladium for a grand bed of foliage in the garden. First size bulbs, 10 cts. each; by mail, 15 cts. each, $1 per doz. Extra-large bulbs, 15 cts. each; by mail, 20 cts. each, $2 per doz.

CINNAMON VINE (Chinese Yam).

A tuberous-rooted climbing vine that grows with great rapidity, quickly covering walls, trellises, etc. Its bright, lively green foliage makes an attractive, dense screen. 5 cts. each, 50 cts. per doz.

MADEIRA VINE.

A rapid-growing vine covering a large space in a short time. Fleshy heart-shaped leaves and feathery flowers with a delicious fragrance. 5c. each, 40c. per doz.

Tuberous-Rooted Begonias.

TUBEROSES.

One of the most fragrant and popular of the summer-flowering bulbs. May be started early in hotbeds or pots, or planted in open ground after first day of May.

Excelsior Pearl. Extra fine large-flowering bulbs. 5 cts. each, 30 cts. per doz. $2 per 100.

Tall Double. Largest size. 5 cts. each, 40c. per doz., $2 per 100.

Add 10 cts. per doz. when sent by mail.

Plant Department.

CHRYSANTHEMUMS.

Ready in April.

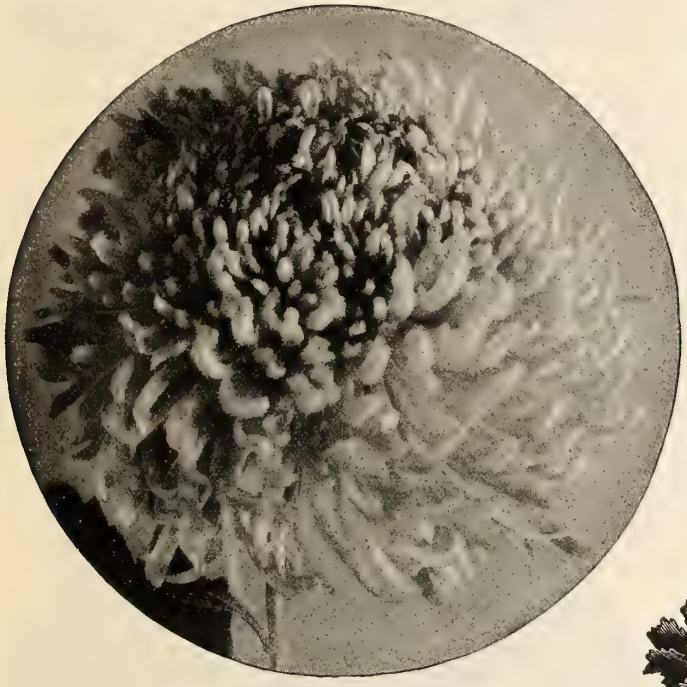
All standard varieties 15 cts. each, $1.50 per doz.

No flower makes a more magnificent display in the autumn than these, with their almost endless variety of form and colors, ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good rich soil, using plenty of well-rotted cow manure. Water freely and keep well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly, and set in a shady place for a few days; afterward expose them to the full light, in a temperature not higher than fifty degrees.

Autumn Glory. There is nothing like this in color; deep reddish salmon upon opening and gradually changes to a soft pink.

Belle of Castlewood. Rich enameled shell-pink; distinct, pleasing shade; early.

Black Hawk. Largest and most beautiful dark crimson-scarlet yet raised; looks like crimson velvet.



Belle of Castlewood Chrysanthemum.

Frank Hardy. The flower is pure white, full, deep and solid; petals incurving in graceful folds.

Golden Wedding. The best golden yellow variety there is. Remarkably vigorous grower and carries its great globular flowers erect, giving it a bold, majestic appearance.

Infatuation. Clear white, changing to creamy white with age; a new and distinct type.

Major Bonnaffon. Grand incurved yellow of largest size.

Maud Dean. Extra large-flowered variety; petals broad and incurving; color pink, almost rose, an unusual shade.

Mrs. R. M. McArthur. Magnificent clear snow-white, solid; petals incurved and cupped, hemispherical in form.

Philadelphia. An immense incurved flower, opening yellow, but changing to white with yellow at the tips.

Pluto. A fine globular flower, clear, bright red; reverse bright golden; a very novel and pleasing effect.

Silver Cloud. Color creamy white, shading to bright apricot.

Snow Queen. A large, nicely finished snow-white flower of rounded form, full to center, with slightly pointed petals and of great substance, strong stem and foliage.

Western King. A grand white for commercial or exhibition blooms, or for plants, either bush or single stem.

Wm. H. Chadwick. Immense, graceful bloom, waxy white, tinted pink. Growth, habit, stem and foliage simply perfect. It cannot be praised too highly.

CARNATIONS.

In popularity these rank next to the rose, and on account of their beauty of form and color, ease of culture, certainty and freedom of bloom and delightful fragrance are worthy of a place in every garden. If wanted for indoor culture, they may be potted in September, watered and shaded a few days and they will furnish an abundance of bloom all winter.

All standard varieties 10 cts. each, $1 per doz., postpaid. One plant each of Pink, Scarlet, White and Yellow, our selection of varieties, mailed for 30 cts.

Bon Ton. Bright, warm scarlet, large, deeply fringed, fragrant flowers on remarkably stiff stems.

Daybreak. Delicate salmon-pink; vigorous grower. Color, when at its best, very soft, clear and pleasing. Flower will not stand in full sun, as the color bleaches and should be shaded when the sun is strong. A very popular variety in all localities. Does well on nearly all soils.

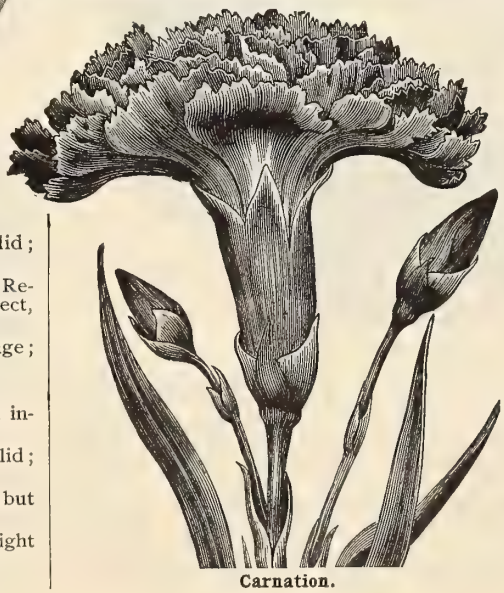
Eldorado. Light clear yellow, petals edged with a narrow band of light pink. A strong, vigorous grower with fine healthy foliage; stems of good length, supporting large, finely formed flowers. The color shows up well under artificial light, and does not look white, as so many yellows do.

Evelina. Its strong points are its earliness, great freedom and continuity of bloom. It has slender stems, always stiff; is a pure white of good size and form. It has so many good qualities, united to its freedom, that we feel sure that it will rank very high with Carnation growers.

Firefly. Deep scarlet; early, continuous bloomer; large, well-formed flower, 2½ inches in diameter; strong, vigorous foliage covered with heavy bloom.

Flora Hill. The largest white variety to date, wonderfully free in bloom and not subject to rust. Planted in enormous quantities all over the country, and has made a fine record. Easily suited as to soil; beware of too much water and don't overfeed.

Gold Nugget. Clear, deep yellow, slightly marked with red; a remarkable variety, strong grower, free, early and continual bloomer. Stem long and stiff, and bloom a first-class keeper. The best yellow we have ever grown, and a prize-winner wherever shown.



Carnation.

Jubilee. Color intense scarlet; very large flower, on long, slender, but stiff stems; strong, non-bursting calyx.

Triumph. A pure, rich pink, a little darker than Wm. Scott; flowers often measure 3½ inches across; early and very free; strong, robust grower; very long, stiff stems; never takes rust.

William Scott. Bright pink; one of the most productive large-flowered pink Carnations; flower medium to large size, 2 to 3 inches across, on long stems, of good substance and stiffness. More generally grown than any other Carnation.

ROSES.

Hybrid Perpetual Varieties.

Roses of this class produce the largest and most beautiful flowers, and the varieties offered below are all thoroughly hardy. Some sorts do not bloom until the second year, but when thoroughly established they bloom very freely at the usual season, June and July, and at intervals throughout the balance of the summer and fall. They should invariably be planted in the open ground, being adapted for outdoor cultivation rather than for house culture. They will stand a considerable amount of hardship and neglect but improve greatly with good cultivation and rich soil. The quantity and size of blooms will be greatly increased by severe pruning each spring. All rough and scraggly wood should be cut away entirely and the other shoots should be cut back enough so as to leave only two or three eyes to grow.

Price of all Roses under this class: 15 cts. each, any 3 for 40 cts., any 12 for $1.25, postpaid; two-year-old plants 40 cts. each, $4 per doz., by express, at purchaser's expense.

American Beauty. The largest, sweetest and best of all hardy Roses; color a rich rosy crimson shaded and veined in the most charming fashion, and in fragrance not surpassed by any Rose we know.

Caprice. Ground color soft, satiny pink, distinctly striped and dashed with white and carmine; most distinctly marked.

Clio (new). Satin blush of the most delicate texture, while the size of the flower is truly striking.

Coquette des Blanches. Pure white; very free blooming.

Fisher Holmes. Dark velvety crimson; fine form.

Gen. Jacqueminot. The most popular of all Roses of the Hybrid Perpetual class; color, rich crimson; of fine shape and exquisite fragrance.

Sunset Rose.

Hellen Kellar (New). Of such extraordinary beauty that failure to please everyone seems impossible; color, a clear bright pink; flowers large and finely made; petals shell-shaped and of great substance.

John Hopper. Flowers are large, very regular and full; color brilliant rose changing to bright glowing pink, shaded with rich crimson; profuse bloomer.

Mme. Gabriel Luizet. A beautiful elegantly formed Rose, full and fragrant; color an exquisite shade of coral rose suffused with lavender and pearl.

Mme. Plantier. The best hardy white Rose; a profuse and continuous bloomer; splendid for cemetery use.

Marchioness of Lorne. A remarkably free-flowering variety of an exceedingly rich rosy color, slightly shaded in the center with vivid carmine.

Margaret Dickson. Perfectly hardy and of magnificent form; color a pure waxy white, without spot or blemish; the best white Rose yet introduced.

Mrs. R. G. Sharman Crawford. Deep rosy pink; outer petals tinted pale flesh in quite a new and unique shade, base of petals white; large and of perfect form.

Paul Neyron. Bright shining pink, clear and beautiful; no collection complete without this grand rose.

Prince Camille de Rohan. Handsome fragrant flowers of a deep rich velvety crimson passing to intense maroon shaded black; so dark in color is this variety that it is popularly known as the "Black Rose."

Ever-blooming Tea Roses.

Price of all Roses under this class: 10 cts. each, any three for 25 cts.; 12 for 90 cts., postpaid: two-year-old plants 30 cts. each, $3 per doz., by express, at purchaser's expense.

Bon Silene. The most noted feature in this grand old rose is the immense size and beauty of its buds; the color is deep rose, but not unfrequently it shades off to pale silvery rose; grows to perfection in the open ground, producing crop after crop of beautiful flowers in unbroken continuity from early spring until late in autumn.

Bridesmaid. Fine clear dark pink; does well in the open ground and is also valuable for forcing.

Catharine Mermet. Distinct and beautiful, valued highly for its elegant buds; color clear shining pink, with delicately shaded amber and fawn center; a strong, healthy grower, equally desirable both for open-ground planting and forcing under glass.

Duchess of Albany. A continuous and free bloomer, remarkably fragrant; color brilliant rose pink, exquisitely shaded.

Etoile de Lyon. A strong, healthy, vigorous grower, freely bearing flowers of a rich golden yellow; the most beautiful Yellow Tea Rose yet introduced.

La France. Flowers large and beautiful, either in the bud form or when expanded; peach-blossom color, shaded pink and silvery rose. It is very free-blooming, every shoot forming a beautiful flower, most deliciously fragrant.

Marie Guillot. The queen of white Roses; the flowers are magnificently made, extra large, full and double; fragrance very sweet.

Meteor. One of the brightest colored and most brilliant Roses we have. Color is rich, velvety crimson, exceedingly bright and striking, and both buds and flowers are large and elegantly formed, and borne on nice long stems.

Papa Gontier. Brilliant carmine changing to pale rose; reverse of petals purplish red; popular on account of the size and beautiful form of its buds.

Perle des Jardins. Rich shade of yellow; very perfect in form; free grower and very profuse bloomer.

Safrano. A fine old Rose that never fails to produce a continuous crop of flowers from early summer until late in fall; color apricot-yellow, sometimes tinted with rose; very fragrant.

Sunset. Of an exquisite rich golden amber or old gold color elegantly shaded with dark, ruddy crimson, resembling the beautiful tints in a summer sunset; hence the name.

The Four Best Rambler Roses.

This class is so well known that it is not necessary to devote space to a long description of these wonderfully beautiful and useful hardy climbers. They are suitable for training on walls, verandas, trellises, arbors and pillars, and as specimen pot-plants for winter forcing. Flowers are well formed, and, though small, are produced in so great profusion as to present an immense mass of bloom.

Price: 15 cts. each, any 3 for 40 cts., 12 for $1.50, postpaid. Two-year-old plants 35 cts. each, $3 per doz., by express, at purchaser's expense.

Crimson Rambler. A vigorous and rapid grower, frequently making shoots 10 to 15 feet in height in one season. The flowers are produced in trusses, pyramidal in shape, fairly covering the plant with a mantle of vivid crimson, which remains remarkably vivid for many weeks.

Pink Rambler (Euphrosyne). This Rose is as charming as any of its rivals, embracing all their good qualities of hardiness, vigorous growth, profuse blooming and delightful fragrance.

White Rambler (Thalia). This charming new Rose climbs rapidly, is entirely hardy, produces immense clusters of pure white flowers, perfectly double and of delightful fragrance.

Yellow Rambler (Aglaia). The only hardy yellow climbing rose in cultivation, and as such, is almost indispensable. It is identical with Crimson Rambler, except flowers, which are deep golden yellow and very fragrant.

Popular Hardy Climbing Vines.

AMPELOPSIS VEITCHII (Boston Ivy).

One of the finest climbers we have for covering walls, as it clings firmly to the smoothest surface. In summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange so dazzling as to be seen at a great distance. 15 cts. each, 3 for 35 cts.. 12 for $1, postpaid. Large size, pot-grown plants, 35 cts. each, $3.50 per doz., by express, at purchaser's expense.

CLEMATIS.

15 cts. each, 3 for 40 cts., the set of 6 for 75 cts., postpaid; large plants 50 cts. each, $5 per doz., by express, at purchaser's expense.

Duchess of Edinburgh. One of the best double whites, of vigorous habit; free bloomer and deliciously fragrant.

Henryi. A vigorous grower and a free bloomer, producing its large pure white flowers constantly during summer and early autumn.

Jackmanni. The flowers are large, intense rich velvety violet-purple and are produced in such masses as to form a cloud of bloom.

Madame Baron-Veillard. Of recent introduction and quite like its parent, the popular Jackmanni, in habit and make-up, except that its flowers are a lively satiny lavender-pink; entirely distinct from any other variety and charming in effect.

Madame Edouard Andre. Of the Jackmanni type and the nearest approach to a bright red that has yet appeared. The flowers are very large, usually six-petaled, of a distinct, pleasing shade of carmine, and are produced in bewildering profusion.

Paniculata. Flowers pure white, hawthorn-scented, and borne in great masses of panicles or clusters, so profuse as to fairly cover the plant with a sheet of fleecy white.

HONEYSUCKLES.

25 cts. each, $2.50 per doz.

Hall's Japan. A strong-growing, almost evergreen sort with pure white flowers changing to yellow. Very fragrant and covered with flowers from July to November.

Chinese Evergreen. A favorite old-fashioned Honeysuckle, prized for its profusion of bloom and delicate perfume; has dense almost evergreen foliage.

CHINESE WISTARIA.

One of the most beautiful of all Wistarias; a vigorous, strong-growing vine, producing in early summer a great profusion of large clusters of lovely, rich, violet-blue flowers, deliciously sweet and exceedingly handsome. 15 cts. each, 3 for 40 cts., postpaid; large plants 35 cts. each, $3.50 per doz., by express, at purchaser's expense.

Choice Hardy Flowering Shrubs.

Price of the following Shrubs, except where noted, 30 cts. each.

BERBERIS vulgaris (European Barberry). A handsome shrub. Yellow flowers, followed in fall with scarlet fruit.

Atropurpurea. A purple-leaved variety of the above. 50 cts.

CALYCANTHUS floridus (Sweet-Scented Shrub). Flowers chocolate color. Fragrant, like strawberries.

CORNUS alba sanguinea (White-fruited, red-stemmed Dogwood). Remarkable in winter for the red color of its branches. 50 cts.

CYDONIA japonica carnea fl. pl. (Japan Quince). Flesh-colored, double flowers, produced early in spring. 75 cts.

Hydrangea paniculata grandiflora.

DEUTZIA crenata fl. pl. alba. Flowers double white, tinged with pink. One of the best shrubs in cultivation. 50 cts.

Gracilis. Dwarf, compact, pure white.

FORSYTHIA viridissima (Golden Bell). The best early-flowering shrub. 50 cts.

HIBISCUS syriacus atrorubens (Althea, or Rose of Sharon). Very showy purple flowers. 35 cts.

Foliis variegatus. Variegated foliage, highly ornamented. 60c.

HYDRANGEA paniculata grandiflora. Immense white flowers. One of the finest shrubs in cultivation. 50 cts. to $1.50.

PHILADELPHUS coronarius (Mock Orange or Syringa). Strong-growing; pure white fragrant flowers in June. 50 cts.

RHODODENDRONS. The grandest of hardy evergreen shrubs, in flower and foliage. Colors, rose, crimson, pink, white, lilac, purple and variegated. Plants with 8 to 10 buds, $1.50; 10 to 15 buds, $2.

SYRINGA (Lilac.) The purple sweet-scented variety. 25 cts.

Persica alba (White Persian Lilac). Beautiful sprays of white flowers; slender, graceful grower. 35 cts.

SPIRÆA Billardii. Pink-flowered; a late blooming species. 50c.

prunifolia fl. pl. (Plum-Leaved Spiræa). Double white flowers in spiral form. 40 cts.

VIBURNUM opulus (Snowball). Flowers white; a well-known shrub. 50 cts.

WEIGELA amabilis. Pink flowers; free bloomer. 50 cts.

amabilis alba. White, very showy. 50 cts.

variegata. Beautiful variegated foliage. 50 cts.

FOR HEDGES.

CALIFORNIA PRIVET. A splendid hedge plant; glossy green foliage; white flowers; very rapid grower. 3 to 3½ ft. high. $6 per 100.

HARDY ORANGE (*Citrus trifoliata*). A grand plant for either hedges or specimen plants. A true Orange and entirely hardy, having stood unprotected in a temperature of eighteen degrees below zero. It fruits freely and blooms in spring with wonderful profusion. The blooms are large, pure white and impart the same fragrance as other Oranges. The fruit, though small in size compared with those in the market, are equal in beauty, but too acid to eat, although, used as lemons, make a refreshing drink. 2 to 3 feet high. 30 cts., $3 per doz.

FRUIT TREES.

We enumerate only a few of the recognized standard varieties; all others can be supplied at advertised prices. Where large quantities are required, write for special quotations.

APPLES.

Summer Varieties.	Autumn Varieties.	Winter Varieties.
Early Harvest,	Alexander,	Baldwin,
Red Astrachan,	Fall Pippin,	Ben Davis,
Sweet Bough,	Gravenstein,	R. I. Greening,
Yellow Transparent.	Maiden's Blush.	Northern Spy.

	Each	Doz.
First-class standards, 5 to 6 feet	$0 40	$4 00
Extra size " 6 to 8 "	60	6 00

PEARS.

Summer Varieties.	Autumn Varieties.	Winter Varieties.
Bartlett,	Duchesse d'Angouleme,	Buerre d'Anjou,
Clapp's Favorite,	Flemish Beauty,	Lawrence.
Lawson,	Kieffer,	
Vermont Beauty,	Seckel,	
Wilder.	Sheldon.	

	Each	Doz.
First-class standards	$0 75	$7 50
Extra size "	1 00	10 00
First-class dwarfs	50	5 00
Extra size "	75	7 50

PEACHES.

Amsden's June,	Early Rivers,	Stump-the-World,
Champion,	Foster,	Bokhara,
Crawford's Early,	Hale's Early,	Greensboro,
" Late,	Lemon Free,	Triumph.

	Each	Doz.
First-class standards	$0 30	$3 00
Extra size "	40	4 00

PLUMS.

Abundance,	Moore's Egg,	Lincoln,
Burbank,	Quackenboss,	Milton,
German Prune,	Yellow Egg,	Chas. Downing,
Imperial Gage,	Hale,	Delaware.

	Each	Doz.
First-class	$0 50	$4 00
Extra size	60	6 00

CHERRIES.

Early Richmond,	Olivet,	Gov. Wood,
English Morello,	Black Eagle,	Napoleon,
Louis Philippe,	Black Tartarian,	Rockport,
May Duke,	Coe's Transparent,	Yellow Spanish.

	Each	Doz.
First-class	$0 50	$5 00

SMALL FRUITS.

We cannot accept orders for Small Fruit or Nursery Stock that amount to less than One Dollar.

STRAWBERRIES.

Early.	Medium.	Late.
Excelsior,	Marshall,	Nick Ohmer,
Gladstone,	Star,	Brandywine,
Carrie Silvers,	Pride of Cumberland,	Sharpless,
Clyde,	Chas. Downing,	Stella,
Haverland.	Brunette.	The Grandy.

35 cts. per doz., $1.25 per 100, $5 per 1,000.

Strawberry Plants are mailed free at dozen rates. If ordered at 100 rates, to go by mail, add 25 cts. per 100 to the prices quoted.

RASPBERRIES.

Black Varieties.—Gregg, Ohio, Palmer, Souhegan.

Red Varieties.—Cuthbert, Marlboro, Miller, Turner.

Golden Queen. The best Yellow Raspberry yet introduced. Of large size, hardy and productive.

75 cts. per doz., $4 per 100.

If to be sent by mail, add 15 cts. per doz., or 50c. per 100 for postage.

BLACKBERRIES.

Early Harvest,	Lawton,	Taylor's Prolific,
Erie,	Maxwell,	Wilson's Early,
Kittatinny,	Snyder,	Wilson Junior.

75 cts. per doz., $4 per 100.

If to be sent by mail, add 15 cts. per doz., or 50c. per 100 for postage.

LOGAN BERRY.

A hybrid between the Blackberry and Raspberry. The berries are very large, equaling those of the largest blackberries, which they closely resemble in form and structure. Color a dark reddish maroon; flavor rich, and slightly suggests both the raspberry and blackberry. The fruit is excellent for dessert or for canning. Its season for ripening is just after strawberries, and in advance of the raspberries, nicely filling a blank when there are no other berries. By mail, $1.50 per doz.; by express, at purchaser's expense, $1.30 per doz.

CURRANTS.

Fay's Prolific. The best Red Currant grown; fruit large, bright red, of good flavor and very free from acid; has given general satisfaction everywhere.

Red Cherry. A popular market variety, on account of its large-sized, deep red fruit.

White Grape. The best white variety; large, handsome berries.

Black Naples. Fruit large, handsome and highly flavored.

One-year-old, 75 cts. per doz., $3 per 100; 2-year-old, $1 per doz., $5 per 100. One-year-old plants can be sent by mail; postage, 20c. per doz.

GOOSEBERRIES.

Plant in good, rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of good fruit. To prevent mildew, spray bushes as soon as leaves appear, and several times during the summer with potassium sulphide (liver of sulphur) one ounce to four gallons of water.

	Each	Doz.		Each	Doz.
Columbus	$0 30	$3 00	Downing	$0 15	$1 50
Red Jacket	25	2 50	Houghton	10	1 00
Keepsake	25	2 00	Industry	25	2 50

Above are all two-year-old plants, and are too large to go by mail.

GRAPES.

We handle only two-year-old vines. If ordered by mail, add 25 cts. per doz., or $1 per 100 for postage.

	Each	Doz.		Each	Doz.
Agawam	$0 20	$1 50	Martha	$0 25	$2 00
Brighton	20	1 50	Moore's Diamond	25	2 00
Concord	20	1 50	Moore's Early	20	1 50
Delaware	25	2 00	Niagara	20	1 50
Eaton	30	2 50	Salem	25	2 00
Early Ohio	40	3 50	Wilder	25	2 00
Green Mountain	40	3 50	Woodruff	30	2 50
Lady	25	2 00	Worden	20	1 50

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

Black Varieties.	White and Yellow Varieties.
Black Hamburg,	Buckland Sweetwater,
Barbarossa,	Chasselas de Fontainebleau,
Gros Colman,	Duchess of Buccleuch,
Lady Downs' Seedling,	Foster's Seedling,
Black Muscat.	Golden Hamburg.

One-year-old vines, $1 each, $10 per doz.; strong 2-year-old vines, $2 each, $20 per doz.

Horticultural Tools and Requisites.

Asparagus Buncher (Watts'). Adjusts to any size of bunch . . $3 25

Asparagus Knife, Am. Straight edge. 35

Asparagus Knife, English. With saw-tooth edge 1 25

		Each
Baskets, Rustic Hanging.	10-inch . .	$1 25
" " "	12-inch . .	1 50
" " "	14-inch . .	1 75

Bellows, Double Cone 3 00
" **Large Single Cone,** with spreader 2 00
" **Small Single Cone** 1 00
" **Liquid Atomizer,** large 2 00
" " " small 1 25
" **Sulphur** 1 75

Rustic Hanging Basket.

Woodason's Improved Bellows.

Woodason's Bellows.

This bellows is the best ever invented for distributing poison powders for the destruction of insects in the conservatory, garden, orchard and field. It can be held in any direction without wasting powder and will work nicely.

Canes, Bamboo. From 5 to 8 feet in length, but easily cut to any desired size. Doz. 20 cts., $1.25 per 100, $9 per 1,000.

Cocoanut Fiber Refuse. 35 cts. per pk., $1 per bus.

Dibbers. For transplanting; all iron. 35 cts. each.

Flower Pots, Standard—

	Per 100		Per 100
2¼ in., Thumb	$0 85	6 in., Quart	$4 25
3 " Gill	1 25	7 " Three Pints	6 50
4 " Half Pint	2 00	8 " Half Gallon	9 00
5 " Pint	2 75	10 " Two Gallons	18 00
		12 " Four Gallons	30 00

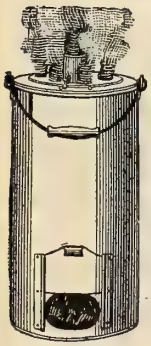
Flower-Pot Saucers, Indurated Wood-Fiber. Very light and durable. Not porous, and will protect tables on which plants stand—

	Each	Doz.		Each	Doz.
6 in.	$0 10	$0 95	10 in.	$0 12	$1 25
8 "	10	1 10	12 "	15	1 40
			13 "	15	1 55

Flower Vases, for displaying cut-flowers. Made of indurated wood-fiber—
8 inches in diameter, 13 inches deep $0 60
5½ " " 10 " " 50
4½ " " 9 " " 45
4 " " 6 " " 35

Forks, Digging or **Spading** . . . . . 75 cts. to 1 00
" **Hay** or **Stable** . . . . . 50 cts. to 75
" **Manure,** long- and short handled . . . . . 75 cts. to 1 00
" **Hand Weeding** or **Transplanting,** American malleable 15
" " English steel 75

Fruit Pickers. Wire, without pole 75



Perfection Fumigator.

EUREKA FUMIGATOR.

No. 1. Holds one-half peck of stems 1 60
No. 2. Holds one peck of stem 2 00
No. 3. Holds one-half bushel of stems 2 50
No. 4. Holds three pecks of stems 3 50

PERFECTION FUMIGATOR.

The newest and most durable fumigator on the market. It has practically three bodies, the two inside forming a water tank, preventing the outside body from burning out; the inside tank should be filled with tobacco water, which produces a vapor and, mixed with the dry smoke, makes it more dense and less injurious than from any other fumigator. Each

No. 1. Holds one peck of stems $3 00
No. 2. Holds one-half bushel of stems 3 75
No. 3. Holds three pecks of stems 4 50

Gardener's Gloves . . . . . per pair, $1 . Each
Garden Lines. Finest braided . . . . . 75 feet, 50c. .
Garden Line Reels. Malleable $0 75
Garden Pencils. Wolff's Indelible Black 15
Glass Cutter. Ebony Handle (genuine diamond) 3 00
Glazing Points, Van Reyper's Perfection . . . . . Per 1,000, 60 cts.; by mail, 75 cts. .
Pincers, for driving above 50
Grafting Wax. ¼ lb. 10 cts., ½ lb. 20 cts., lb. 30 cts. If by mail, add 16 cts. per lb. for postage.
Hoes. Draw, or **Corn.** From 5 to 8 inches 50
" **Scuffle,** or **Push.** From 4 to 10 inches . . from 40 cts. to 80
" **Warren.** Medium size, 60 cts. each; large size 70
Hose Nozzles, Boss. Changeable from stream to spray 90
" **Boston** 75
" **Child's Rainmaker** 50
Hose Menders, Cooper's Patent. Brass. Requires no wiring. ¾-inch size . . . . . per doz., 75 cts. . 10

Armored Hose

HOSE, RUBBER— Per foot
Armored, ¾ inch, 3-ply $0 18
Standard, ¾ inch, 3-ply 12
Ridgewood, ¾ inch, 3-ply 15
Maltese Cross, ¾ inch, 3-ply 20
☞ In 25- and 50-foot lengths, coupling complete.

Knives, Budding. Ivory handles, finest quality steel; straight blade, long handle . . . . . Each $1 50
Straight blade, short handle 1 25
Round-point blade, curved handle 1 25
Pruning. Stag handles, finest quality. Medium size, single blade 90
Medium size, double blade 1 25
Large size, single blade 1 00

LABELS, Wooden Pot and Garden—

	Plain Per 100	Plain 1,000	Painted Per 100	Painted 1,000
3½ inch	$0 10	$0 40	$0 10	$0 65
4 "	15	60	15	90
4½ "	15	80	20	1 00
5 "	15	90	20	1 25
6 "	20	1 00	25	1 35
6 x 1 "	35	2 50		
7 x 1 "	40	3 00		
8 x 1 "	50	3 50		
12 x 1¼ "	50	4 50	60	5 00
Wooden Notched Tree—				
3½ inch	10	60	15	90
6 "	20	1 50	25	2 00
3½ " copper-wired	30	1 75	35	2 25
3½ " iron-wired	20	1 25		

Lawn Rakes. See under Rakes.

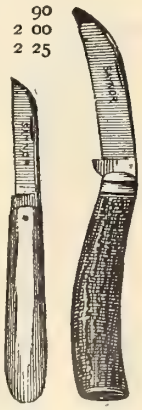
Mastica Machine.

Mastica. For glazing greenhouses, sashes, etc. Elastic, adhesive and easy to apply. Far superior to putty . . . per gal., $1.25 . Each
Mastica Machines. For applying above . $1 15

Mats, for Hotbeds, etc.—

	Each	Doz.
Rye straw, 6 x 6 feet	$1 75	$20 00

Moss, Sphagnum. Useful for mixing in soil for potting, mulching, etc. Fresh moss, $1.75 per barrel; dry moss, for packing, etc., $1.50 per barrel.



Pruning Knives.

MOLE TRAP, THE IMPROVED ISBELL.

It is acknowledged by all who have given it a trial as the best Trap ever invented for catching and destroying the underground mole. When properly set, it never allows the mole to escape, and no skill is required in setting it. The "Improved" Isbell Mole Trap is made of the best annealed iron, so that it will wear for years and never shatter, as other mole traps do, they being made of common cheap cast-iron.

We have not the space, neither is it necessary, to print the hundreds of testimonials which we have received from all parts regarding this trap.

Directions for Setting: Brush the dirt off the top of the mole track, then stick the two main prongs into the ground astride of it, so that the wooden pin will be about 1½ inches from the bottom of the run. Then brush the dirt back again in its original position (as near as possible), pull up the handle at the top and adjust the catch.

Price, $2 each.

Plant Stakes, Round Green Tapering (Light)—

	Doz.	100		Doz.	100
1½ feet	$0 20	$1 00	3 feet	$0 50	$3 00
2 "	30	2 00	3½ "	60	4 00
2½ "	40	2 50	4 "	70	5 00
			5 "	80	6 00

Round Green Tapering (Heavy)—

3 feet	70	5 00
4 "	90	6 00
5 "	1 10	8 00
6 "	1 30	10 00

RAKES—

	Each		Each
Garden, steel 6 teeth,	$0 35	8 teeth,	$0 40
" " 10 "	45	12 "	50
" " 14 "	55	16 "	60
Short Tooth, steel, 10 teeth,	40	12 "	45
" " " 14 "	50	16 "	55
Hay, Wooden, 3 bow, 12 teeth			30
Lawn, Wooden, 3 bow, 22 teeth			35
Queen, steel			75

Pruners, Waters' Long-Handled Tree. 4 feet, 75 cts. each; 6 feet, 85 cts.; 8 feet, $1; 10 feet, $1.15; 12 feet, $1.25. Extra blades, 20c. each.

Raffia. For tying. Lb. 20 cts., 5 lbs. 80 cts.

Saws, Pruning. 14 inches, 65 cts. each; 16 inches, 75 cts.; 18 inches, 90 cts.; 20 inches, $1.10; 24 inches, $1.25. Lightning, double edge, 65 cts. each.

	Each
Scissors, Grape. Best English	$1 to $1 25
Flower Gatherers. For cutting and holding the flower	$1 to 1 50
Scythes, English Lawn. Cast-steel, 34 to 38 inches	$1.50 and 2 00
Scythe Stones. Round dressed Talacre. per doz., $1.50	15
Scythe Rifles. Triple emery-coated per doz., $1	10

	Each
Shears, Grass Border. 8 in., $2.25; 9 in., $2.50, and 10 in.	$2 75

Shears, German Pruning. Malleable iron, steel blades. 7½ inches	1 00
8 inches	1 30
9 "	1 60
9¼ "	1 75
Hand Pruning. (Wiss.) 7¼ inch	1 50
8¼ inch, $1.80 each; 9 inch	2 00
Hedge. (With notch, 25 cts. extra) $1.75 to	2 25
Sheep. For trimming grass	75

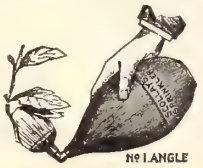
Shovels, Ames' Best Cast Steel. Square and diamond pointed; long or short handles 1 25

Smilax Twine. Green. Per ball, 10 cts.; per doz., $1.

Spades, Ames' Best Cast Steel. $1.25.

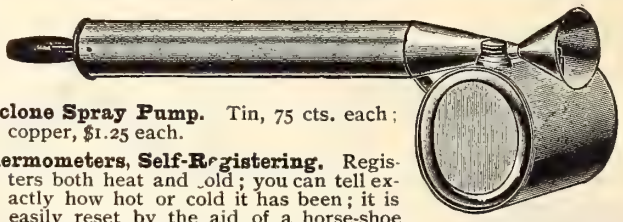
Spades, Post Hole. Concave. $1.50 each.

Sprinklers, Rubber. Straight or angle neck. $1 each; if by mail, 10 cts. extra for postage.



Southern Canes. These form a valuable substitute for the more expensive plant stakes in use. They are from 6 to 8 feet in length, and can be cut to any desired size. Being light and durable, they are adapted for supporting roses, carnations, gladioli, etc. Doz. 20 cts., $1.25 per 100, $9 per 1,000.

	Each
Syringes. No. 12, 14-inch barrel, 1 inch in diameter, 1 stream, 2-spray roses	$3 50
" No. 11, 18-inch barrel, 1½ inches in diameter, 1 stream, 2-spray roses	4 50
" No. 5. Best conical valve, 18 x 1½ inches	6 00
" No. 6. Large size, 1 spray, rose and angle joint, turning in all directions for washing under the leaves	7 00
" Brass Garden, with wooden plunger, 17 x 1¼ inches	1 25



Cyclone Spray Pump. Tin, 75 cts. each; copper, $1.25 each.

Thermometers, Self-Registering. Registers both heat and cold; you can tell exactly how hot or cold it has been; it is easily reset by the aid of a horse-shoe magnet, which accompanies each 3 25

Greenhouse Distance. An unusually plain, readable porcelain scale, ranging from 20 to 100 degrees; red spirits 1 00

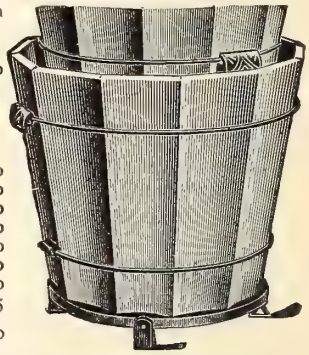
No. 4. Parlor. Boxwood case, metal scale, 12 inch 50

No. 5. Ebony. Porcelain scale, red spirits. 8 inch 1 00
10 inch 1 50
12 inch 2 00
14 inch 2 50

No. 6. Plate Glass Back. Brass supporters, allowing free circulation of air. 8 inch 1 50
10 inch 1 75

No. 7. Ordinary Japanned tin cases (not guaranteed). 7 inch. 15
8 inch 20
10 inch 25
12 inch 30

No. 9. Hotbed and Mushroom Bed. Brass mounted and tipped, made especially for plunging Each $2 00

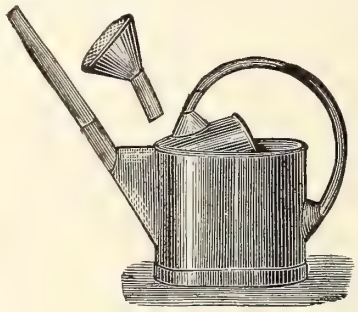


Tree Tubs, Cedar—

	Diameter Top Outside Inches	Height Outside Inches	
No. 1	28	22	7 00
No. 2	26	20	6 00
No. 3	24	18½	5 00
No. 4	22	17	4 00
No. 5	20	16	3 50
No. 6	18½	15	3 00
No. 7	16½	14	2 50
No. 8	15½	13	2 25

Trowels. Solid shank, cast steel. 50

Watering Pots, Galvanized. Philadelphia pattern, with two roses. Substantial, and recommended for constant use—



Quarts	Each Round	Each Oval
6	$1 75	$2 00
8	2 00	2 25
10	2 25	2 50
12	2 50	2 75

Special low pattern, for watering near the glass, 4 quarts, $1.50 each.

WEEDERS.

	Each
Combination Hand	$0 30
Excelsior Hand	15
Hazeltine's Hand	25
Lang's Hand	25
Noyes' Hand	25

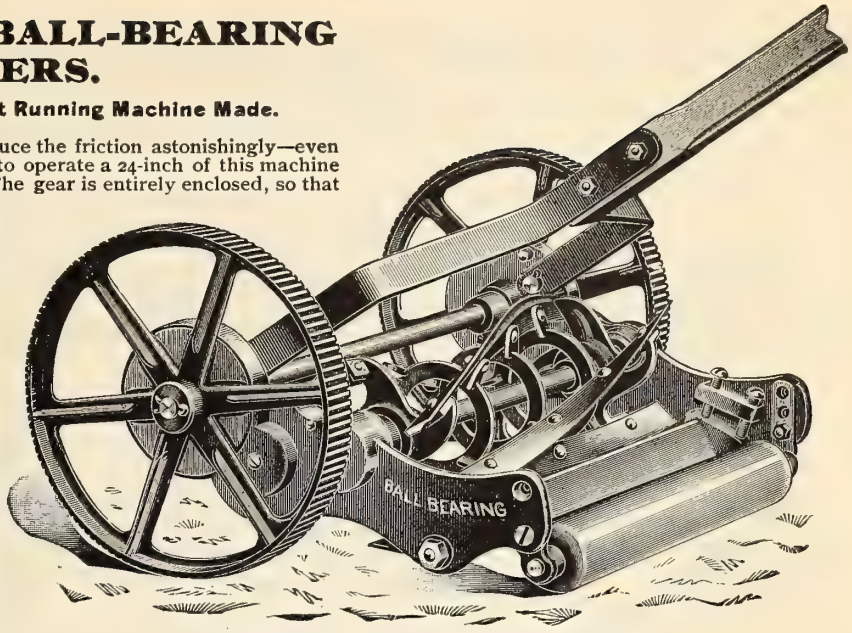
ELLIOTT'S VICTORY BALL-BEARING LAWN MOWERS.

The Most Perfectly Constructed and Easiest Running Machine Made.

This mower is fitted with **Ball-Bearings**, which reduce the friction astonishingly—even more in a mower than in a bicycle—rendering it easier to operate a 24-inch of this machine than a 16-inch fitted with the old parallel bearings. The gear is entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them. The frame cannot be twisted or jarred out of parallel, being bound tightly together by two steel bolts, which make the most rigid frame ever built, and permit of the mower being readily taken apart. The cutter bar is easily removed for sharpening without disturbing the frame. The slight wear of the cones, balls and cases is perfectly compensated for by two screws, while with the parallel bearing six to ten screws are required. The double ratchet is lightning-like in action, consequently the knives cut the instant the mower is moved. The material of which these mowers are constructed is the very best, and only skilled labor and the most approved machinery are employed. **Ball-bearings, 10-inch wheels, triple gear, four-bladed reel.**

SPECIAL NET PRICES.

14-inch cut	$8 50
16 " "	9 50
18 " "	10 50
20 " "	11 50
22 " "	12 75
24 " "	13 50



Elliott's Victory Ball-Bearing Lawn Mower.

NEW BALL-BEARING GOLF MOWER.

This mower is intended to cut the greens on **Golf Links**, and is by far the most perfect for the purpose yet designed. It is light, but very strong, and very quiet, being driven with a double bicycle chain which is completely enclosed, a feature found only in this make. It is high-speeded and is made with 5 or 6 blades, as desired. It has 8-inch roller, and its lower blade can be lowered to rest on the ground if desired.

SPECIAL NET PRICES.

14-inch	$11 00	16-inch	$12 00	18-inch	$13 00

A Grass Catcher is fitted on when desired. Price, $2.50.

THE PENNSYLVANIA.

This mower we can highly recommend, but it is too well known to require a lengthy description here. Rear cut, train to gears, open cylinder. Height of wheel, 8 inches.

SPECIAL NET PRICES.

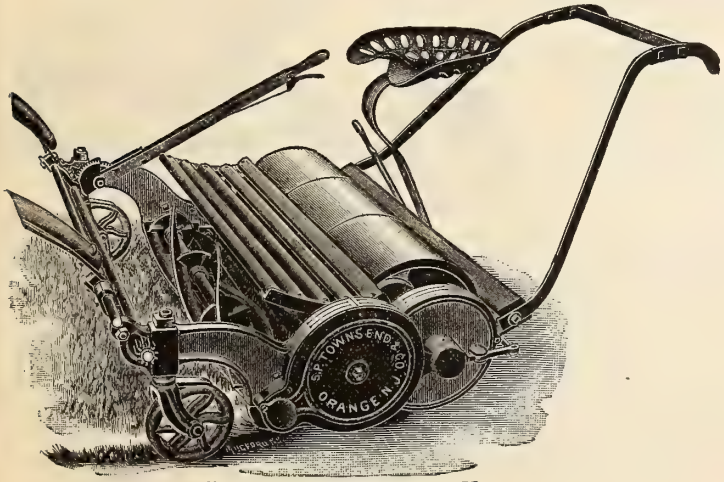
14-inch	$7 50
16 "	8 50
18 "	9 50

THE PENNSYLVANIA SPECIAL HIGH WHEEL FOR HIGH GRASS.

Rear cut, train of gears, open cylinder, crucible steel knives. Height of wheel, 10½ inches.

SPECIAL NET PRICES.

15-inch	$11 00	19-inch	$13 00
17 "	12 00	21 "	14 00



The Townsend Horse Lawn Mower.

THE TOWNSEND HORSE LAWN MOWER.

We consider this the most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a Lawn Mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

All machines are fitted complete with Tool Box, Seat, Handles, Shafts and Side-bar Attachment, which keeps the horse on the cut grass.

SPECIAL NET PRICES.

30-inch, complete	$60 00
38 " "	75 00

HORSE BOOTS.

To prevent horse sinking into soft ground. Per set of four, $8.

"PLANET JR." GARDEN TOOLS FOR 1902.

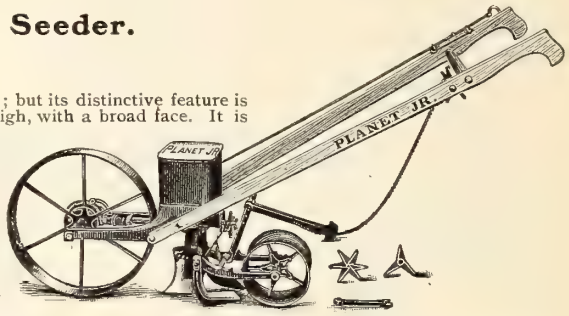
Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines; the best on the market. *You can rely on getting bottom prices from us on any of these goods.*

The "Planet Jr." No. 3 Hill and Drill Seeder.

PRICE, $10.

Sows either in hills or continuous rows.

This drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either 4, 6, 8, 12 or 24 inches apart. The wheel is 15 inches high, with a broad face. It is changed in a moment from hill-dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seeds, such as radish, cabbage, etc. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after-cultivation.

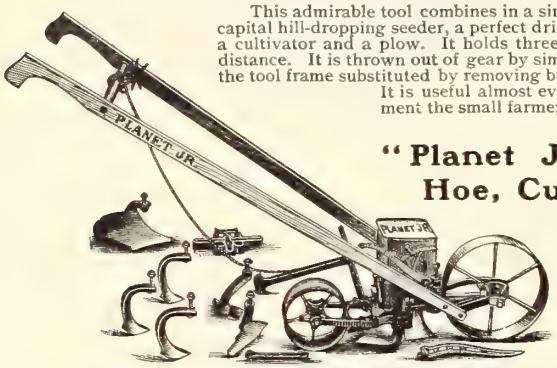


No. 3 Hill and Drill Seeder.

No. 4 Combined Hill and Drill Seeder, Single Wheel-Hoe, Cultivator and Plow.

PRICE, complete, $10; as a drill only, $8.

This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill-seeder, a single wheel-hoe, a cultivator and a plow. It holds three pints, and as a seeder is like the No. 3, sowing in continuous rows, or dropping in hills at any distance. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel-hoe, garden plow or cultivator. It is useful almost every day of the season at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

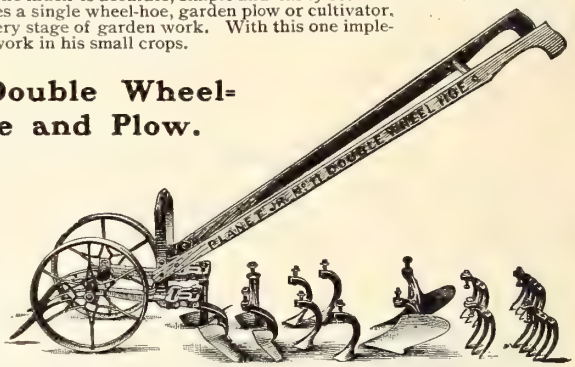


No. 4 Combined Hill and Drill Seeder, Single Wheel-Hoe, Cultivator and Plow.

"Planet Jr." No. 11 Double Wheel-Hoe, Cultivator, Rake and Plow.

PRICE, $8.50.

This perfected wheel-hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick-change frame permits the tools to be changed without removing the nuts. Seven pairs of tools, as shown in the cut, go with the complete wheel-hoe. All the blades are of tempered and polished steel.

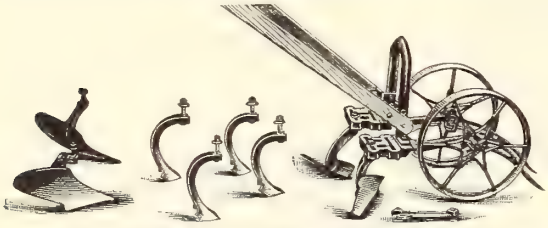


No. 11 Double Wheel-Hoe, Cultivator, Rake and Plow.

"Planet Jr." No. 12 Double Wheel-Hoe, Cultivator and Plow.

PRICE, $6.50.

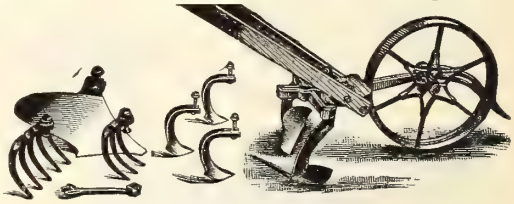
This tool is identical with No. 11 Wheel-Hoe, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted.


No. 12 Double Wheel-Hoe, Cultivator and Plow.

No. 16 Single Wheel-Hoe.

PRICE, $5.50.

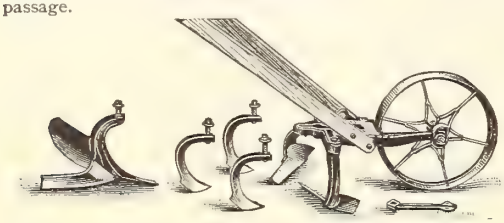
This latest and best Single Wheel-Hoe has a very full set of tools, several of them being of new special design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.


No. 16 Single Wheel-Hoe.

No. 17 Single Wheel-Hoe, Cultivator and Plow.

PRICE, $4.75.

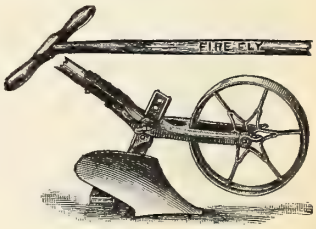
This tool is identical with No. 15, but has only a pair of 6-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added any time.


No. 17 Single Wheel-Hoe, Cultivator and Plow.

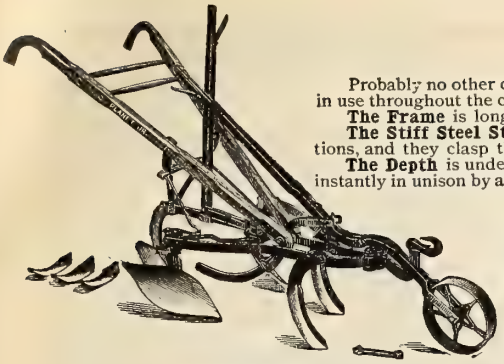
The "Fire-Fly" Garden Plow.

PRICE, $2.25.

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken-raisers will find it very useful in plowing up the scratching yards. The moldboard is of tempered and polished steel; the depth is quickly changed.



"Fire-Fly" Garden Plow.



No. 8 Horse Hoe.

"Planet Jr." No. 8 Horse-Hoe.

PRICE, $7.50.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

The Frame is longer than usual and about 1½ inches higher, making a tool that will not clog easily.

The Stiff Steel Standards are hollow, with round throats; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it.

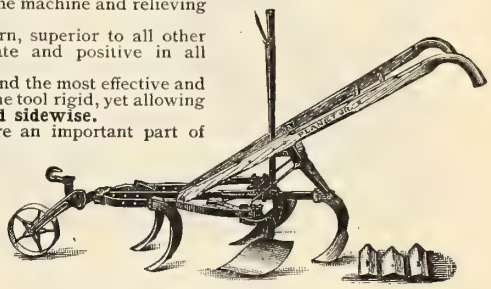
The Depth is under perfect control by means of a new lever wheel and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator.

The Expander is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

The Handle and Braces are also new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles **in height and sidewise.**

The Reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that a great amount of hand labor is saved.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Without Depth Regulator (order as No. 7).

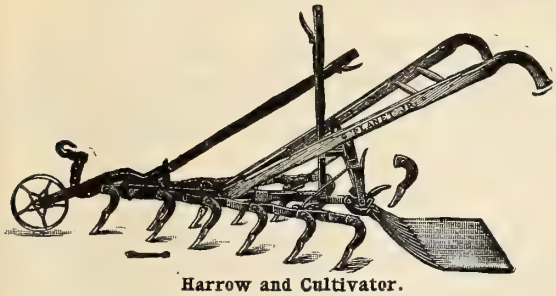


No. 9 Horse Hoe and Cultivator.

"Planet Jr." No. 9 Horse-Hoe and Cultivator.

PRICE, $6.50.

This tool is similar to the No. 8 Horse-Hoe, but it has a plain wheel instead of one operating by a convenient lever. It has the same standards and teeth, and is made in other respects like the popular No. 8. It is strong and serviceable, and will give full satisfaction.



Harrow and Cultivator.

"Planet Jr." Harrow and Cultivator.

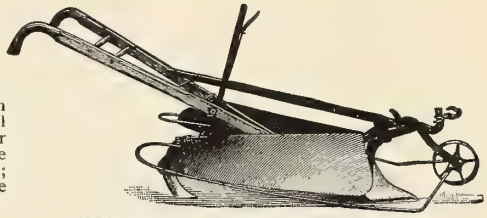
PRICE, plain, $5; with wheel, $6; complete, $7.50.

This tool has rapidly grown into favor with farmers, market-gardeners and strawberry-growers. It has a high frame, and the chisel-shaped teeth cut an inch wide each. It may be set with teeth trailing. **The foot lever pulverizer** is a capital addition for preparing ground for the seed drill or for plant-setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cutter Attachment, consisting of a 10-inch flat steel disc mounted on an outrigger, extra. $1.75.

"Planet Jr." Double Celery Hiller.

PRICE, $13.

Celery Hillers are now considered indispensable in celery growing. The leaf-lifters are adjustable in height, and are especially valuable for first workings. With them some of our best and largest growers hill their celery without any handling whatever. We make both single and double hillers, both with lever expanders and leaf-lifters. The double is fitted with lever wheel. The hilling blades are 43 inches long, adjustable in width or height as wanted; the double machine works all rows up to four feet apart. Before hilling, the soil should be thoroughly loosened with a horse hoe.



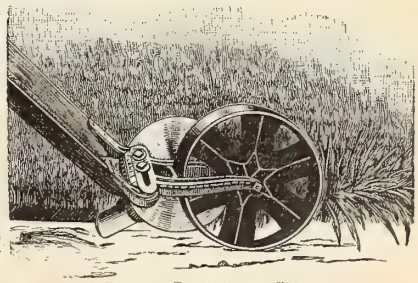
"Planet Jr." Double Celery Hiller.

Farmer's No. 19 Single-Wheel Hoe, Cultivator and Plow.

Farmer's No. 19 Single Wheel-Hoe, Cultivator and Plow.

PRICE, $3.50.

This new and attractive implement is especially designed for the farmer's garden work, although it offers to every one with either field or garden, a cheap and effective tool for all hand wheel-hoe operation. The wheel is high, with stiff steel rim and spokes, and the combination of steel and malleable iron hard. The wheel arms are steel and the frame of the two is attached to adjustment of the wheel arms so that the height of the handles may be readily changed to suit man or boy. The standard is slotted to make regulation of depth easy, and the same standard is made to carry perfectly all the steels that come with the machine, which consist of a large garden plow, 10-inch sweep for weeding in 12-inch rows, 6-inch sweep for 6-inch rows, 4-inch cultivating tooth for deep cultivation, 2-inch cultivator tooth for still deeper work and for marking out onion sets, etc. The great variety and fine shape and quality of the tool make the implement valuable for many kinds of work. It is strong, well made and can be quickly set. The great variety of tools and cheapness are its great virtues.

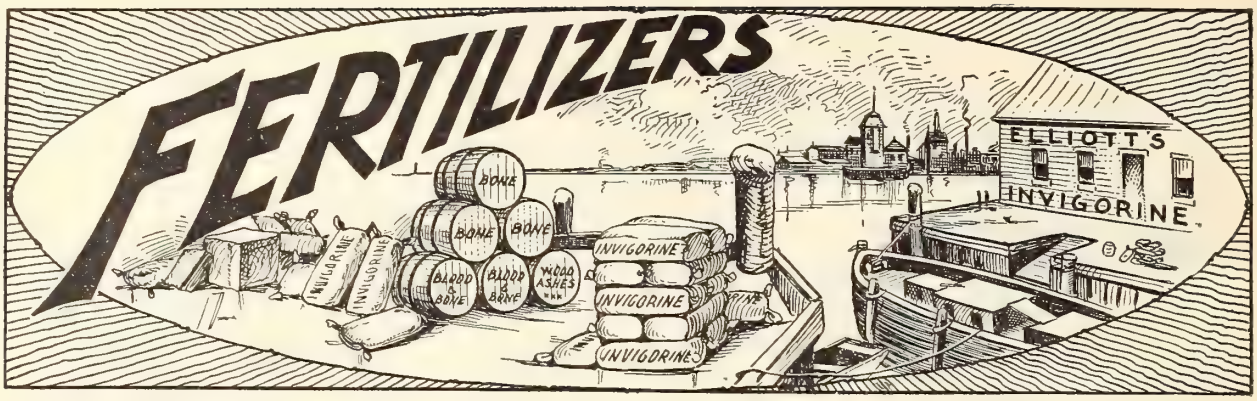


"Planet Jr." Grass Edger.

"Planet Jr." Grass Edger.

PRICE, $6.

Extreme neatness is the great secret of attractiveness in the grounds about a house. The Grass Edger assists wonderfully in producing this effect. It will edge straight or curved work,—paths, drives, borders or flower beds,—at the speed of a mile an hour. It should be the constant companion of the lawn mower. Strawberry growers will find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners.



ELLIOTT'S INVIGORINE.

A Perfect Food for Lawns and Golf Links.

The increasing demand for a Lawn and Golf Dressing that is odorless, safely applied and quick in effect, has compelled us to take up this important matter and give it a close study, which we have done, and we are pleased to state that in the production of **Elliott's Invigorine** we have produced a Lawn and Golf Fertilizer that has no equal, being convenient, portable and clean, inducing a rapid, rich green growth and a most velvety appearance. This preparation is in every way more desirable than manure, avoiding the unsightly litter, disagreeable odor and weed seeds, which cause an endless annoyance. Should be sown broadcast in spring or fall, or may be applied in midsummer without injury to the grass.

Quantity required: 10 pounds for a plot of 300 square feet; 1,000 to 1,500 pounds per acre in preparing new lawn, or one-half to two-thirds the quantity in renovating an old lawn.

Price, 4 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., $1.75; 100 lbs., $2.75; 200 lbs., $5.25; per ton (2,000 lbs.), $50.

SHEEP MANURE, "RAM'S HEAD BRAND."

This is a pure Natural Manure, and a most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano. It is the best of all manures for mixing with the soil for greenhouse plants—one part of manure to six parts soil. Strewn over and dug into the vegetable-garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest, and quickest Liquid Manure. For use in liquid form, 1 pound to 5 gallons of water will make a liquid of a strength which can be used with safety daily if necessary. In bags of 100 pounds each, $2; ¼ ton, 5 bags, $9; per ton, 20 bags, $30. In packages of 2, 4 and 10 pounds, 15 cts., 25 cts., and 50 cts. each.

COMPRESSED SHEEP MANURE.

Used chiefly for making liquid manure. In bags of 100 lbs. each, $2; ¼ ton, 5 bags, $9; per ton, 20 bags, $30.

ASHES, UNLEACHED. (Canada Hardwood.)

Contain all fertilizing elements except nitrogen. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbage, potatoes, onions, strawberries, fruit trees, grass-lands and lawns. Apply 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would applied in fractions. Price per bbl., about 200 lbs., $2.25; per ton (2,000 lbs.) in bbls., $20.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to 20 per cent of ammonia. It is very quick in action and hastens the maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. Price per 5 lb. package, 30 cts.; 10 lb. package, 50 cts.; per 100 lbs., $4.

CRUSHED, or COARSE BONE.

Excellent for graperies, etc., where more permanent results may be obtained than from use of fine bone. 100 lbs., $2.50; 200 lbs., $4.75.

PURE FINE GROUND BONE.

This is a very pure, finely pulverized form of ground bone, specially prepared for rose culture. It is well adapted for mixing with soil for potting purposes, in the proportions of one part bone to fifty of soil. 2 lbs., 15 cts.; 4 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., $1.50; 100 lbs., $2.50; bag (200 lbs.), $4.25; ton, $38.

CLAY'S FERTILIZER.

We have been appointed sole agents for this valuable English manure, which is constantly increasing in popularity. It is undoubtedly one of the best for all purposes, either in greenhouse or garden, and we believe its high reputation is well deserved. It is productive and lasting, and notwithstanding its apparently high price, it is quite economical. Per ½ cwt. (56 lbs.), $4; cwt. (112 lbs.), $7.

MAPES' CELEBRATED FERTILIZERS.

The highest grade commercial fertilizers in the United States, their basis being bone, no rock being used in their composition. All fertilizing constituents, nitrogen, potash and phosphoric acid, are strictly high grade and soluble.

Potato Manure. For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits and sorghum. Use three bags per acre. Per bag (200 lbs.), $4; per ton, $38.

Vegetable Manure (for all soils). This is our vegetable or truck manure for all kinds of soils, light or heavy. Use broadcast; special for onions, asparagus, sweet potatoes; melons, tomatoes, wheat and seeding to grass. Per bag (200 lbs.), $4.25; ton, $41.

Complete Manure (for general use). For use on all crops and all soils with or without stable manure. Use broadcast; if in hills, use sparingly. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding, with or without grain. Per bag (100 lbs.), $4; ton, $38.

Complete Manure ("A" brand). For use in hill or drill on all crops, particularly in connection with farm manure. Special for peas, beans, buckwheat and turnips. Per bag (200 lbs.), $3.75; ton, $35.

Fruit and Vine Manure. For insuring fruiting power, and superior quality of fruit in vineyards (grapes), pears, apples, plums, strawberries and all small fruits. Is slow in effects. Per bag (200 lbs.), $4.25; ton, $39.

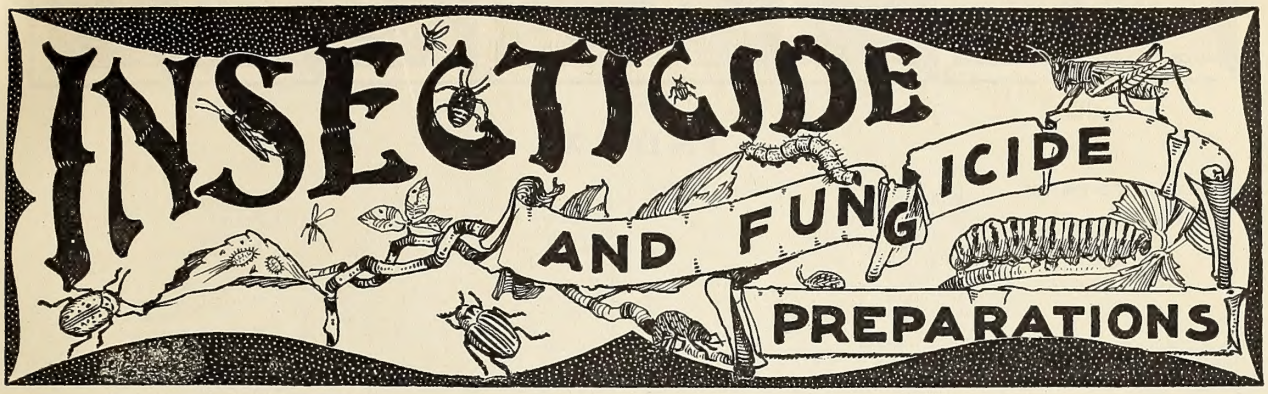
ELLIOTT'S CONCENTRATED PLANT FERTILIZER.

A natural food for all growing plants, and specially adapted for pot-plants either in the conservatory, parlor or outdoors. It contains all the ingredients essential for the proper development of foliage and flowers. Endorsed by the leading amateur and professional florists throughout the country. Full directions for using accompany each package. Small size (12 oz.), 15 cts., by mail, 30 cts.; large size (24 oz.), 25 cts., by mail, 45 cts.

BOWKER'S AMMONIATED FOOD FOR FLOWERS.

Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Small size, 15 cts., by mail, 25 cts.; large size, 25 cts., by mail, 35 cts.

FERTILIZERS. By Prof. E. B. Voorhees, of N. J. Agricultural Experiment Station. A new and valuable contribution to the subject; the underlying principles of soils and fertilizing; the requirements of important crops, and the best fertilizers to use for them; mailed postpaid for $1.



Bordeaux Mixture. Highly recommended as a reliable remedy for the prevention of fungus and fungoid diseases, such as leaf-blight on fruit trees, carnation rust, violet disease and the various rots of grapes, etc. Prepared by adding 1 gallon of mixture to 49 gallons of water. Qt. 50 cts., gal. $1.25, 5 gals. $5.

Copperdine. A remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black-rot, scab, etc. 1-gal. jug $1.50.

Fir Tree Oil. For greenhouse and house plants. It destroys all plant insects without injuring the plants. It is the best insecticide for scale, aphis, red spider, mealy bug, thrip and worms. Dilute in the proportion of 1 pint to 20 gallons of water and apply with ordinary syringe or bellows, or by dipping the plants. Pt. 75 cts., qt. $1.40, ½ gal. $2.50, gal. $4.25.

Fir Tree Oil Soap. Useful on greenhouse and garden plants, killing red spider, mealy bug, aphis, etc. In the vegetable garden for potato bugs, cabbage worms, etc.; on trees, for caterpillars, etc. Does not injure fruit or foliage, and there is not the slightest danger of poisoning from fruit or vegetable where it is used. ½-lb. tin 25 cts., 2 lbs. 75 cts., 5 lbs. $1.75, 10 lbs. $3.25, 20 lbs. $6.

Fostite. A powder easily applied with a powder gun or bellows. An excellent preventive for all fungoid diseases; mildew, black-rot, rust, leaf-blight, etc., also effective as an insect destroyer. 5-lb. package 50 cts., 25-lb. box $2.

Gishurst Compound. An English preparation for green-fly, scale, bark lice, mealy bug, red spider, etc. Dissolve in water and apply with syringe. 1-lb. box 50 cts.

Grape Dust. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows. 5-lb. package 35 cts., 100-lb. keg $5.

Hellebore. Powdered White Hellebore, for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. 1 lb. 25 cts.

Kerosene Emulsion. The best and cleanest insecticide for general use on all plants indoors or out. Ready for use by adding water, 25 to 50 parts water to 1 of Emulsion. Qt. 50 cts., gal. $1, 5 gals. $4.50.

Lemon Oil. A comparatively new insecticide, making a sweet-smelling, milk-white, soapy wash, that may be trusted in the hands of the most careless operator, be perfectly safe and perfectly harmless to the tenderest foliage and roots. Destroys mealy bug, scale, thrip, red spider, black and green fly, caterpillar, etc. Directions on each can. ½ pt. 25 cts., pt. 40 cts., qt. 75 cts., ½ gal. $1.25, gal. $2.

Nikoteen. Is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent of nicotine; this preparation contains 40 per cent of nicotine, and one case of ten bottles is equivalent to 2,000 pounds of stems, or 25 gallons of tobacco extract. Bottle, $1.50. Vaporizing pans, $1.50 each, $4 for 3.

Nikoteen Aphis Punk. The most convenient way of applying an insecticide ever yet devised. No pans required, no heating of iron, no trouble, cannot injure the most sensitive blooms, very effective. 60 cts. per box of 12 rolls; by mail, 75 cts.

Paris Green. (New Process.) Lighter, giving more bulk per pound; and can be more equally distributed than ordinary grades. ¼ lb. 15 cts., ½ lb. 20 cts., lb. 35 cts.; by mail, 16 cts. per lb. extra.

Permol-Kerosene Soap. This Soap furnishes a convenient and safe means for obtaining kerosene emulsion. It is simply dissolved in hot water, in the proportion of 1 pound of soap to 1 gallon of water, and the solution diluted to make from 30 to 40 gallons. 1-lb. pkg. 25 cts., 10-lb. pkg. $2.

Permol-Copper Soap. A reliable, unfailing, easily used fungicide, containing copper, in a form practically soluble in water until thoroughly dried. Largely used with gratifying results for mildew on roses, at a strength of 1 pound to 30 gallons of water. 1-lb. pkg. 75 cts.

Slug Shot. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris green where used liberally, without the danger from poison. 5-lb. pkg. 25 cts., 10 lbs. 45 cts., per bbl. of 235 lbs., 4 cts. per lb.

Sulphur, Powdered. A staple preventive for mildew on grapes, roses, etc. Lb. 10 cts., 10 lbs. 60 cts., 25 lbs. and over, 5 cts. per lb.

Tobacco Stems for Fumigating. Clean and free from rubbish. In bales of 100 lbs. $1.50 each, 500 lbs. $6.

Tobacco Dust. If dusted on while the foliage is moist, it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off earth insects and acts as a fertilizer. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. $3.

Tobacco Soap (Rose Brand). Makes an excellent wash for plants and trees infested with green-fly, lice and eggs of insects. Dissolve 2 oz. in a gal. of water. ½-lb. tins 25 cts.

Whale-Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Lb. 15 cts., 5 lbs. 60 cts., 25 lbs. and over, 10 cts. per lb.

How to destroy insects, on plants and flowers in the garden and the house. Mailed on receipt of 25 cts.

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Choice Hardy Perennial Plants

FOR PERMANENT PLANTING IN OPEN BORDERS, CEMETERY PLOTS, ETC.

Hardy herbaceous plants are rapidly returning to popular favor, being recognized as most satisfactory of all plants for the garden, because of their permanent character and natural beauty. To meet the growing demand, we offer below a choice selection of the most desirable sorts.

One dozen of any one variety will be sent for the price of ten.

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Agrostemma coronaria (Rose Campion)	2 ft.	Crimson	15
Alstromeria aurantiaca (Peruvian Lily)	2 to 3 ft.	Orange	25
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" " **rubra**	2 ft.	Red	15
" **Whirlwind**	2 ft.	White	20
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Aquilegia (Columbine)	1½ ft.	Assorted	15
Arabis albida (Rock Cress)	6 in.	White	15
Armeria maritima (Sea Pink)	1 ft.	Rose	15
Arundo Donax varigata (Variegated Grass)	8 ft.	White	25
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Clematis Davidiana (Hyacinth Clematis)	2 ft.	Blue	25
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Delphinium alba (White Larkspur)	3 ft.	White	20
" **formosum** (Blue Larkspur)	3 ft.	Blue	20
Dianthus barbatus (Sweet William)	1½ ft.	Assorted	15
" (Hardy Pink)	1 ft.	Assorted	15
Dicentra spectabilis (Bleeding Heart)	2 ft.	Pink	25
Dictamnus fraxinella (Gas Plant)	2 ft.	Red	20
Digitalis (Foxglove)	3 to 5 ft.	Assorted	15
Dodecatheon media (Shooting Star)	1 ft.	Rose	25
Doronicum Caucasicum (Leopard's Bane)	1 ft.	Yellow	20
" **plantagineum excelsum**	1 ft.	Yellow	20
Echinacea purpurea	2 ft.	Red-purple	20
Epimedium, in variety	2 ft.	Various	20
Eryngium amethystinum (Sea Holly)	2 ft.	Blue	20

VARIETIES.	HEIGHT.	COLOR.	PRICE
Funkia Sieboldii, var. (Variegated Lily)	2 ft.	Variegated	$0 15
" **subcordata** (White Plantain Lily)	2 ft.	White	15
Gaillardia grandiflora (Aurora Flower)	1½ ft.	Orange	15
Geum coccineum	2 ft.	Scarlet	15
Gnaphalium leontopodium (Edelweiss)	½ ft.	White	30
Helenium Autumnale	5 ft.	Yellow	20
Helianthus Maximiliani (Sunflower)	6 ft.	Yellow	20
" **multiflorus** (Sunflower)	4 ft.	Yellow	20
Heliopsis Pitcherianus (Sunflower)	3 ft.	Yellow	15
Helleborus niger (Christmas Rose)	1 ft.	White	20
Hemerocallis aurantiaca major (Day Lily)	2 ft.	Orange	50
" **flava** (Lemon Lily)	2 ft.	Yellow	15
Heuchera sanguinea (Alum Root)	1 ft.	Red	15
Iberis Gibraltarica (Candytuft)	1 ft.	Light lilac	15
Iris Kaempferi, 10 distinct sorts	2 ft.	Various	25
" " mixed colors	2 ft.	Various	15
Liatris pycnostachya (Gay Feather)	4 ft.	Carmine	15
Lobelia Cardinalis (Cardinal Flower)	3 ft.	Red	15
Lychnis chalcedonica (Maltese Cross)	2 to 3 ft.	Scarlet	20
Monarda Didyma (Oswego Tea)	2 ft.	Red	15
Myosotis palustris (Forget-me-not)	1 ft.	Blue	15
Œnothera fruticosa (Evening Primrose)	2 ft.	Yellow	20
Paeonies, Herbaceous	3 ft.	Assorted	30
Papaver Orientale (Oriental Poppy)	3 ft.	Scarlet	25
Phloxes, assorted	2 ft.	Various	20
Polemonium ceruleum (Jacob's Ladder)	1 ft.	Blue	20
Potentilla grandiflora (Cinquefoil)	1 ft.	Yellow	20
Pyrethrum hybridum (Persian Daisy)	1½ ft.	Assorted	25
Rudbeckia, Golden Glow	3 ft.	Orange	10
Silene Pennsylvanica (Catchfly)	½ ft.	Pink	15
Spirea filipendula (Dropwort)	2 ft.	White	25
" **palmata** (Palmate Spirea)	3 ft.	Rose	25
Tricyrtus hirta nigra (Toad Lily)	1 ft.	Spotted	25
Tritoma (Red-Hot Poker Plant)	3 to 4 ft.	Scarlet	20
" **Pfitzerii**	3 ft.	Scarlet	25
Valeriana officinalis (Garden Heliotrope)	3 ft.	Lavender	20
Vinca (Creeping Myrtle)	½ ft.	Blue	15
" " "	½ ft.	White	15
Yucca filamentosa (Adam's Needle)	5 to 8 ft.	White	25

Bay Tree.

Bay Trees and Boxwood

BAY TREES

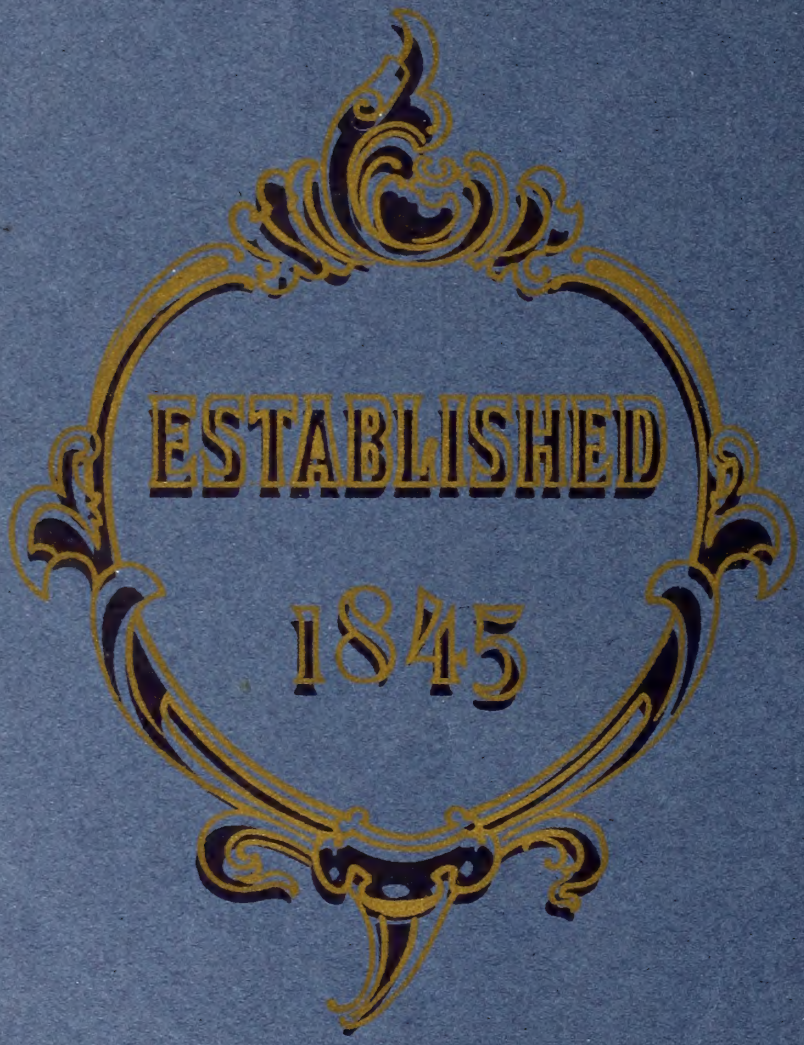
As effective plants for decorating entrance halls, piazzas, hotels or enclosed courts, nothing surpasses the *Laurus nobilis*, or Bay Tree. We have always on hand a fine stock of both Standards and Pyramids in perfect shape, ranging in price from $20 to $50 per pair, according to size.

BOXWOOD

When trimmed in pyramidal form makes a beautiful ornamental plant, and is excellent for filling vases, and on account of its hardiness desirable for decorating places where Bay Trees could not stand the cold. Fine, well-trimmed specimens, $1.50 to $5 each.

Hydrangea paniculata grandiflora

This is a grand plant; very showy and attractive, lasting in bloom for months. Without question, the finest hardy shrub. Grows three to four feet high, and is very bushy and compact. Blooms in July, at a time when no other shrub is in flower, and the flowers remain beautiful until destroyed by frost. The flowers are pure white, afterward changing to pink, and are borne in immense pyramidal clusters more than a foot long and nearly a foot in diameter. Will bloom same season planted. Large plants, 50 cts. each.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